

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

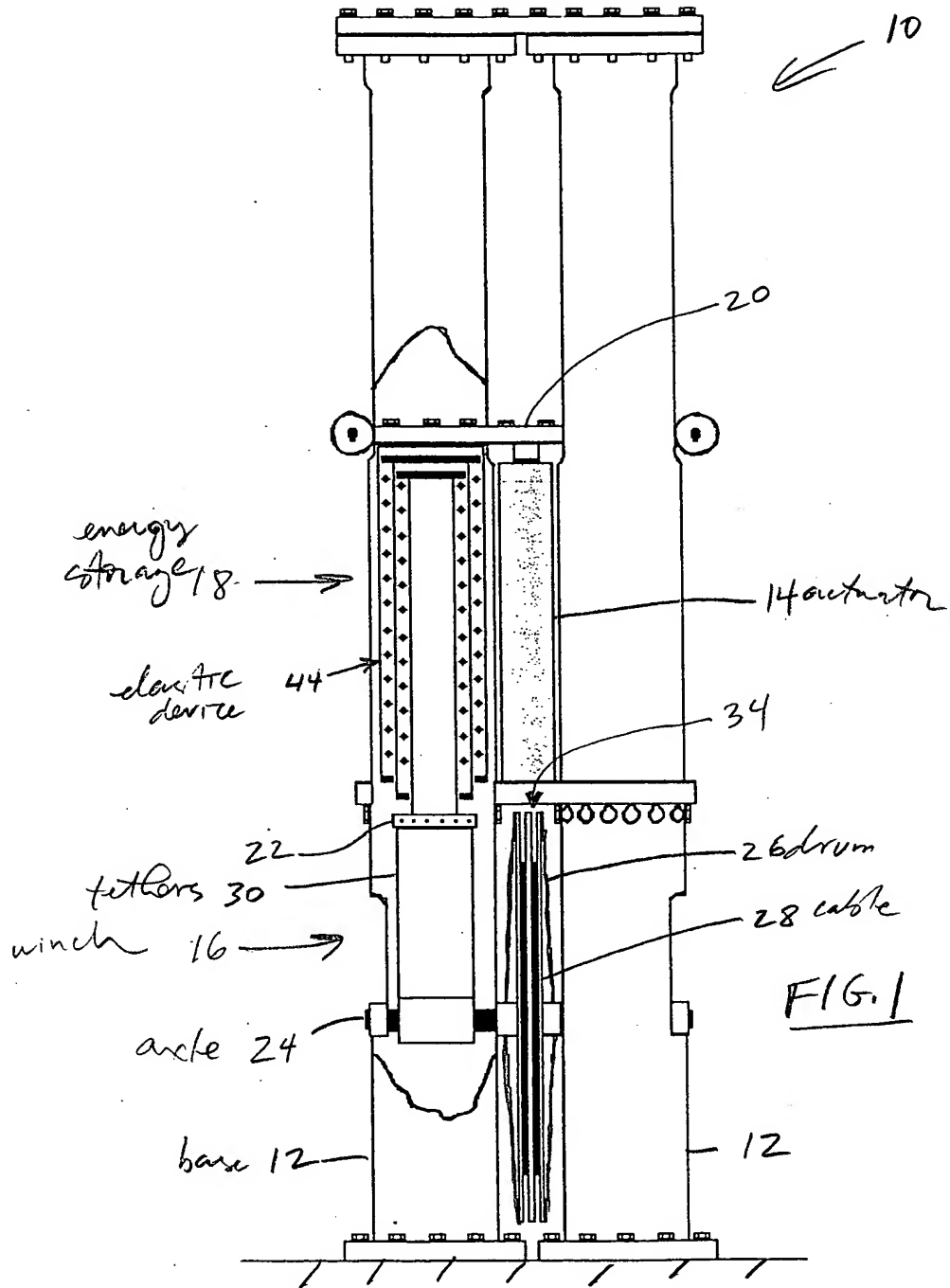
Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**

10061834.020102



10061834.020102

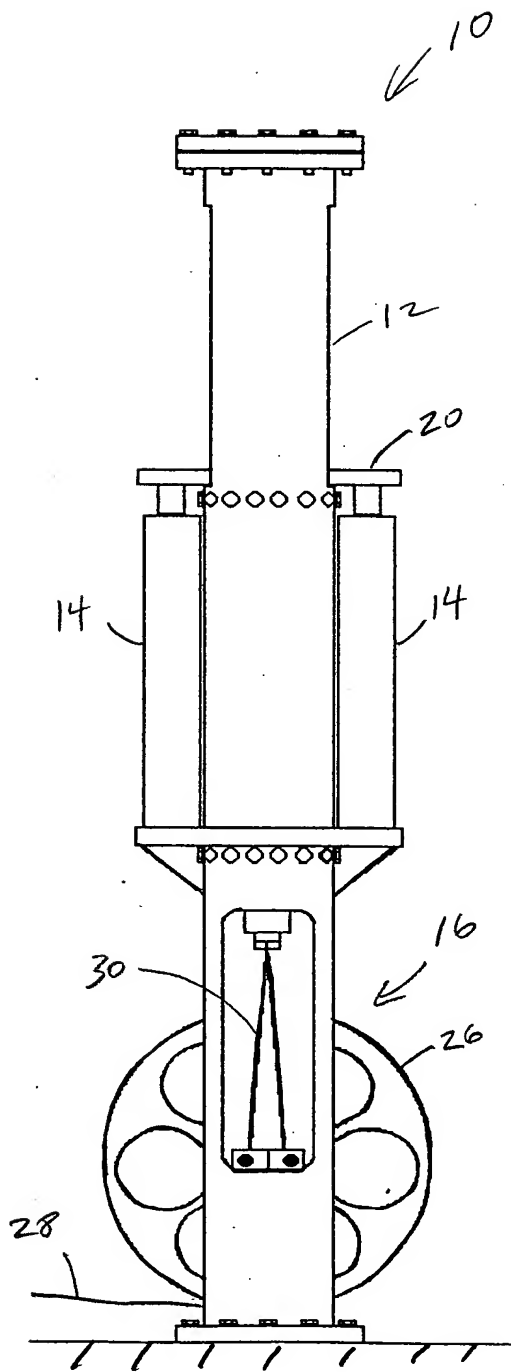


FIG. 2A

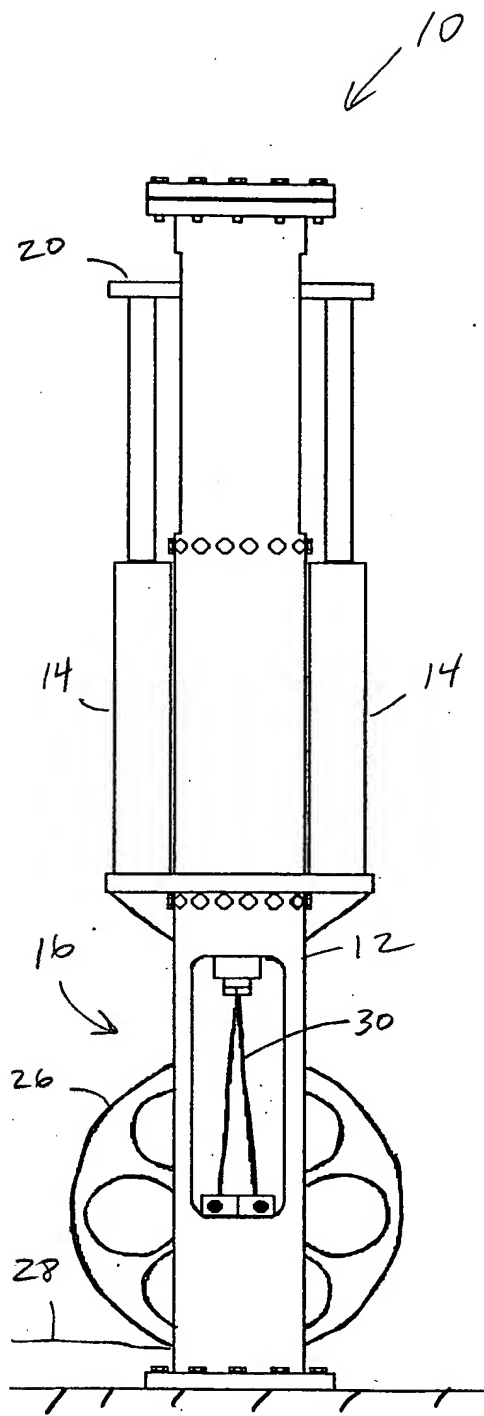


FIG. 2B

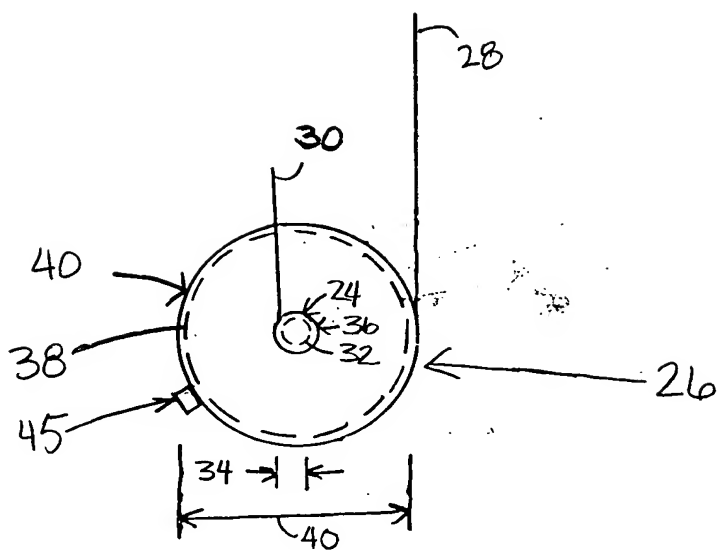
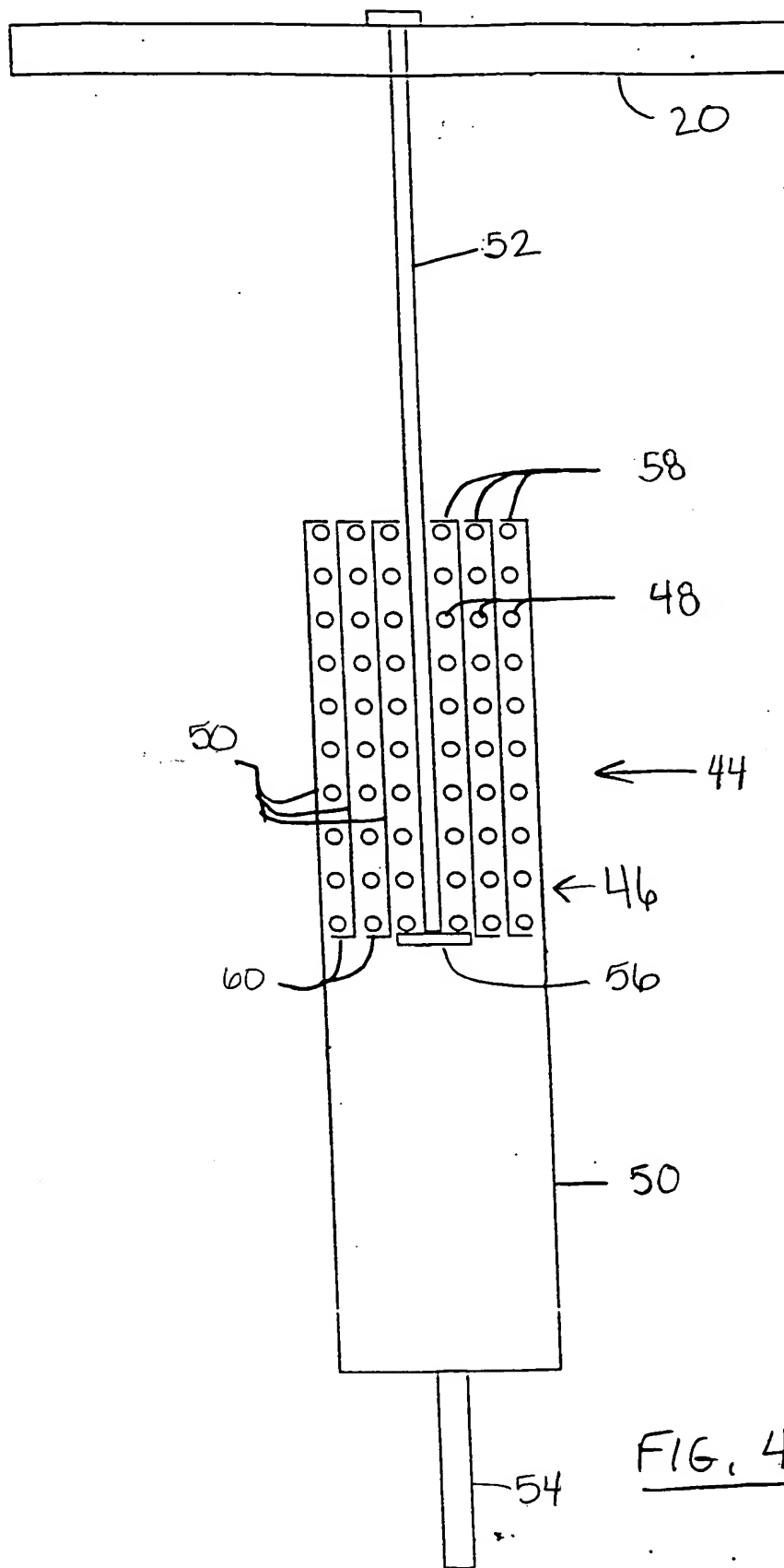
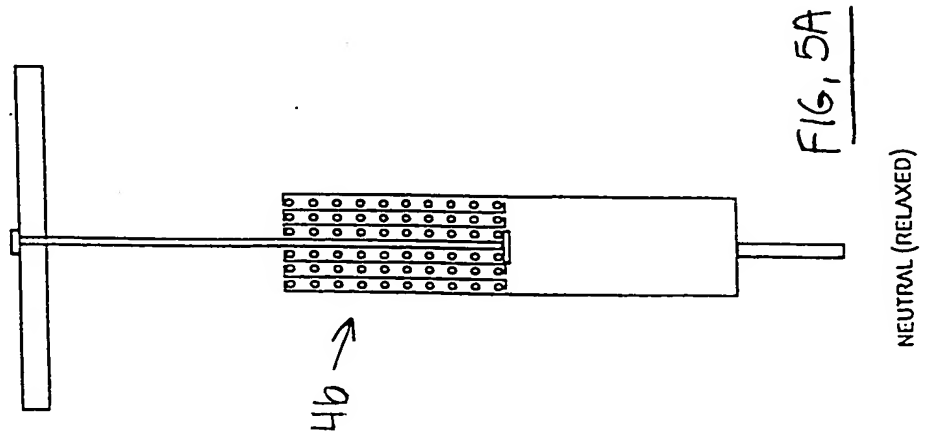
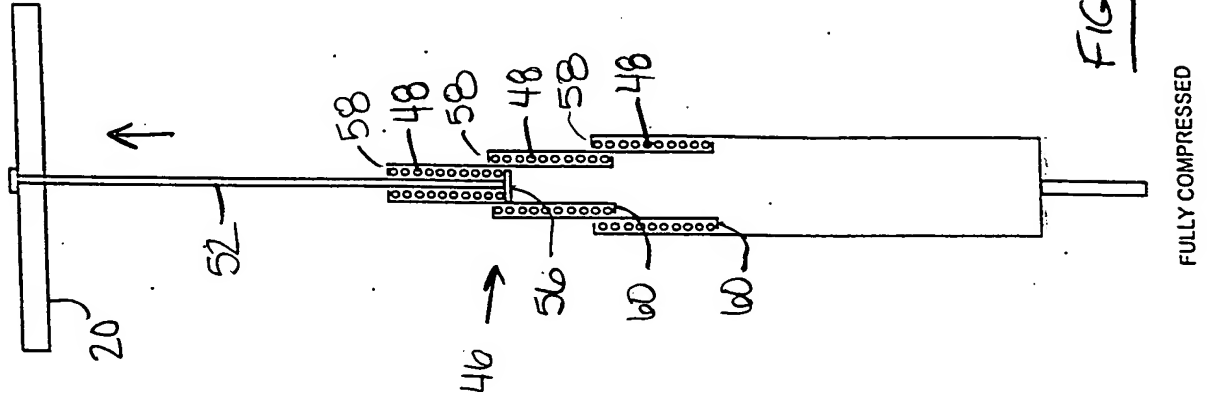
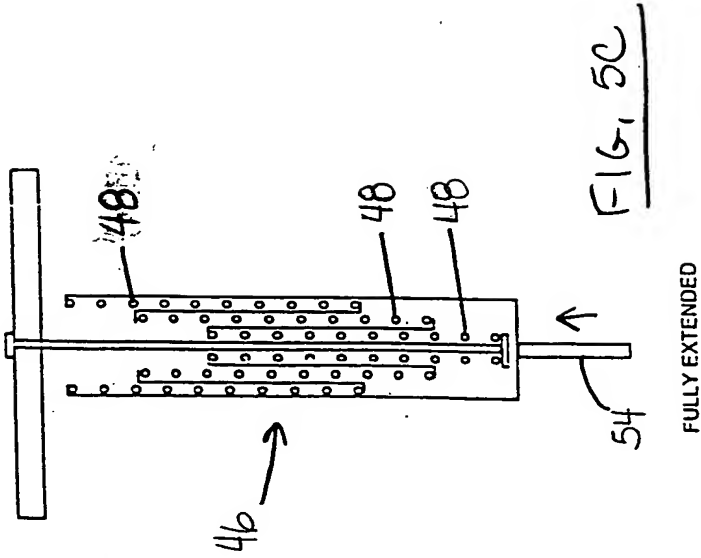
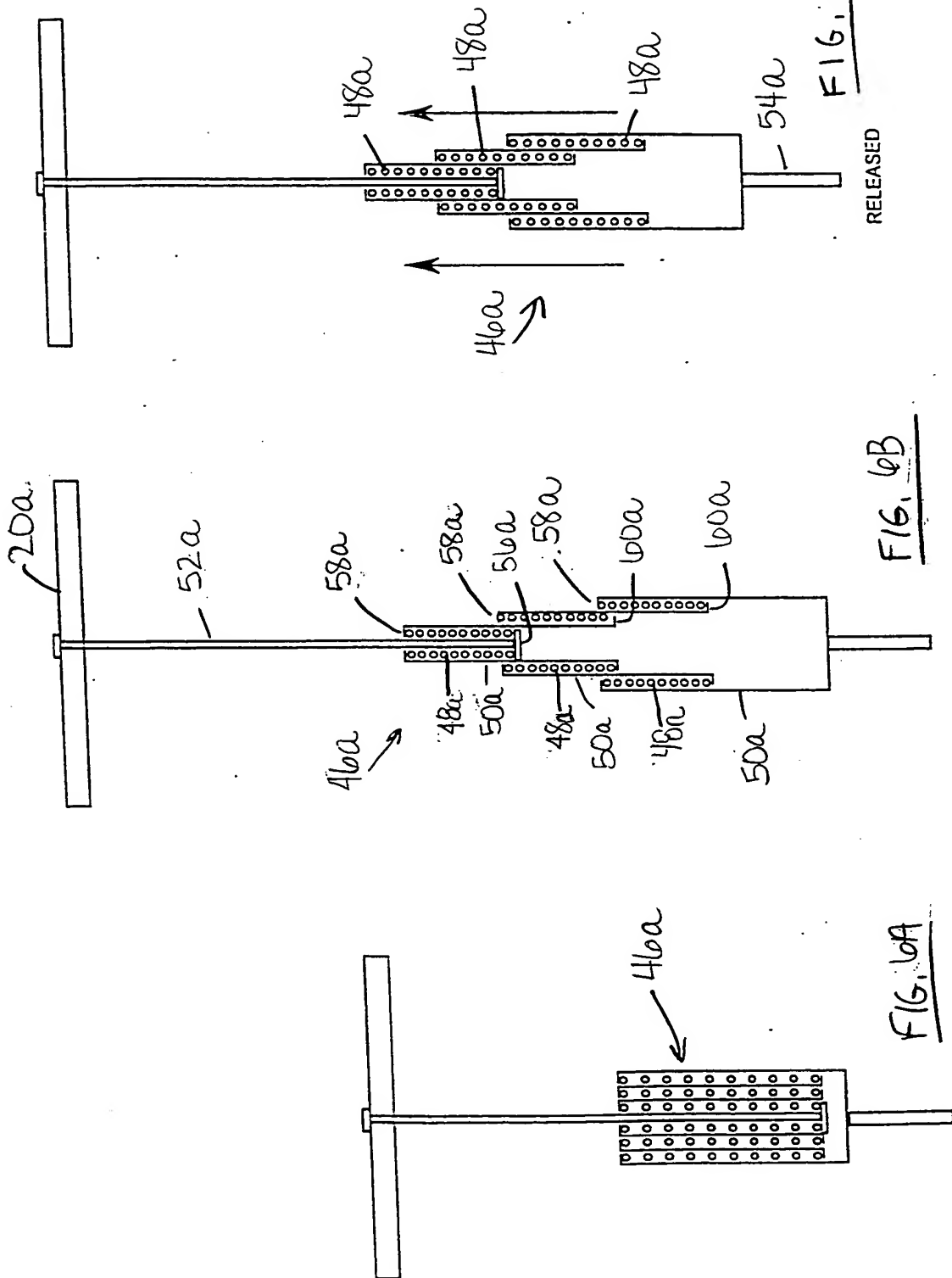


FIG. 3

10061834.020102







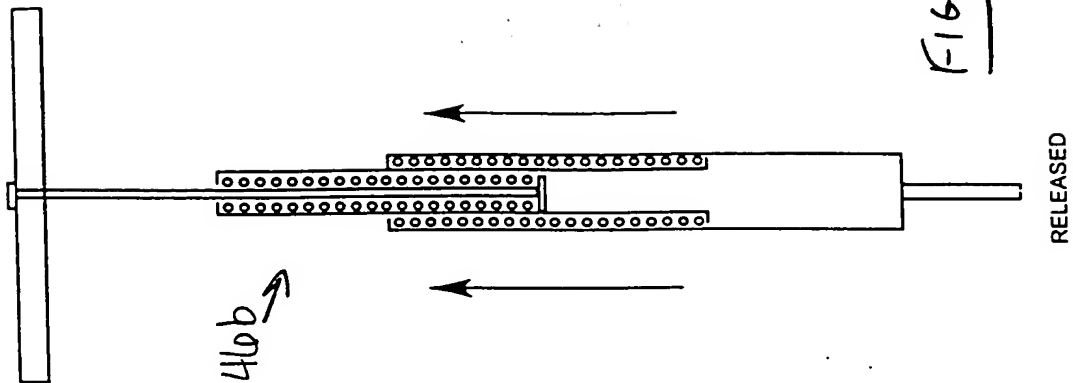


FIG. 7C

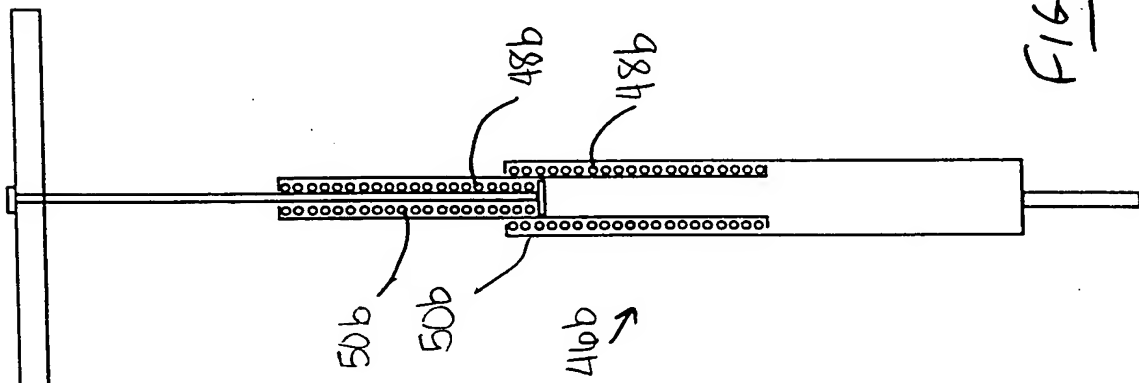


FIG. 7B

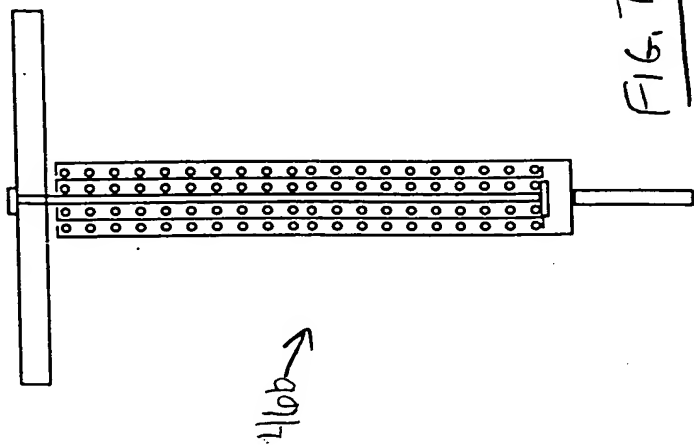
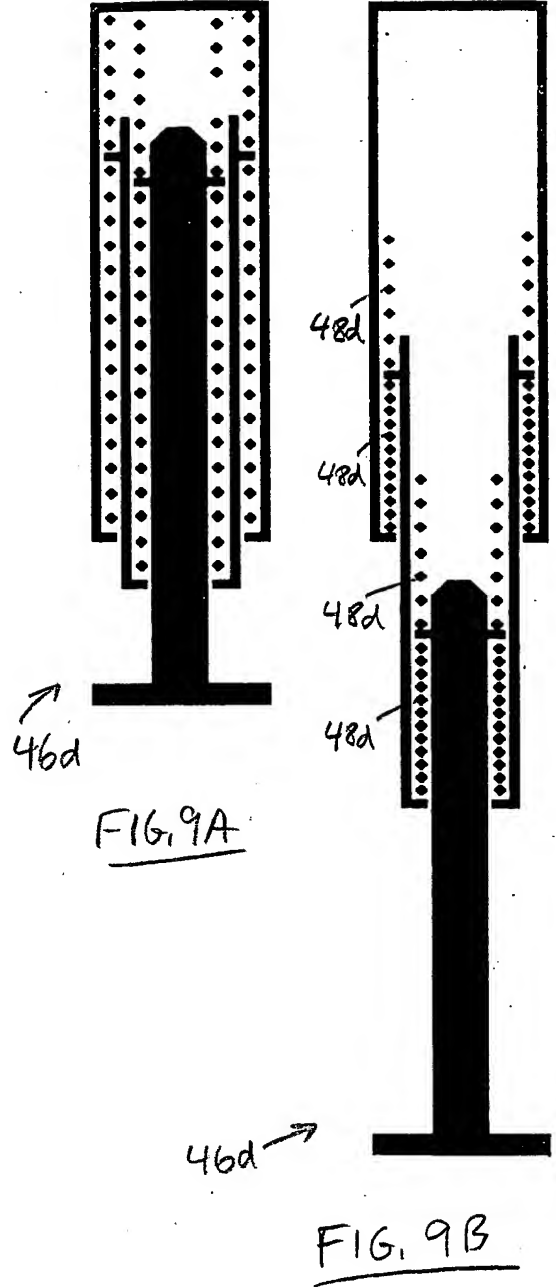
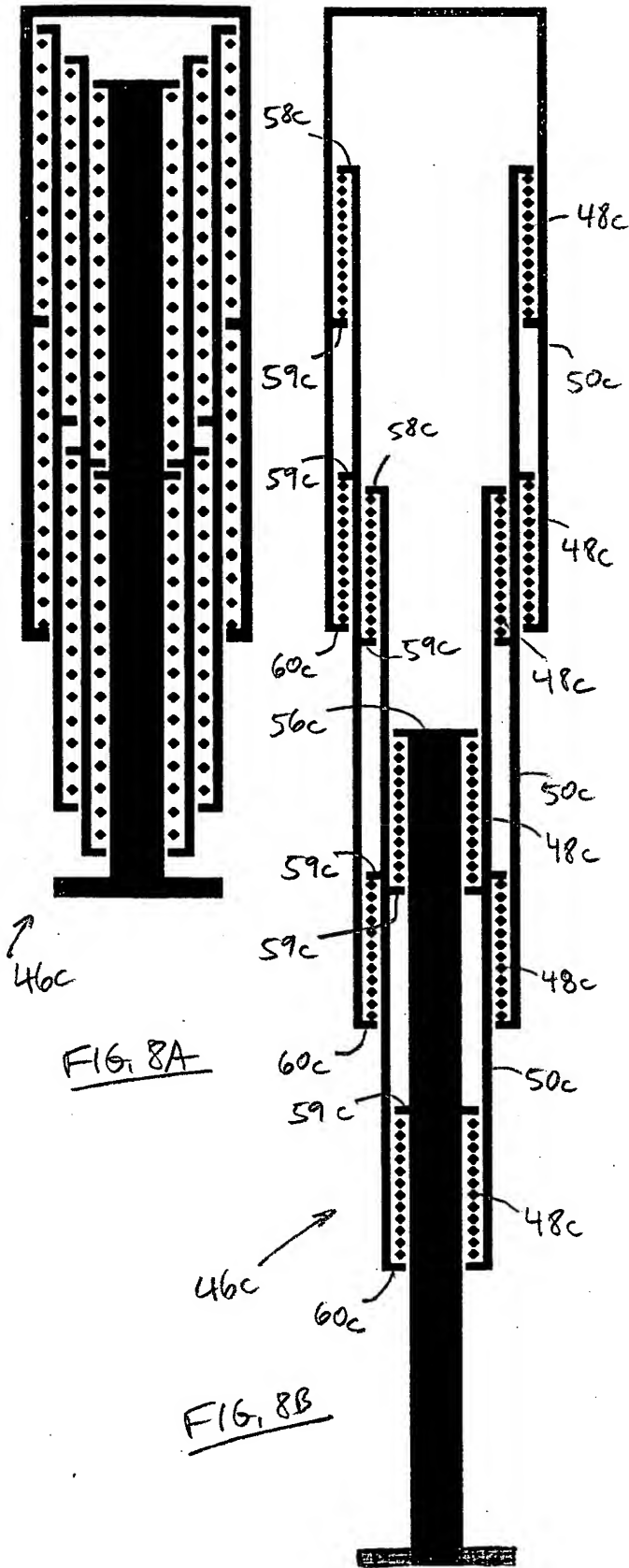


FIG. 7A



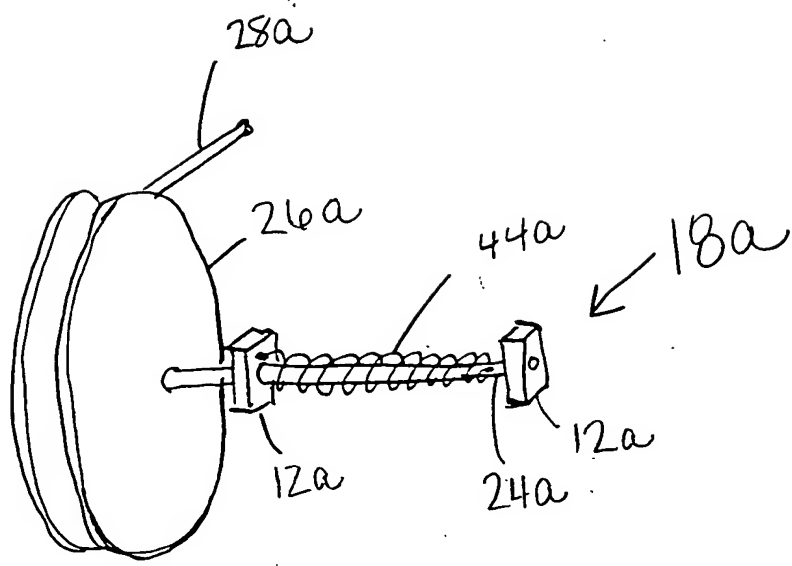
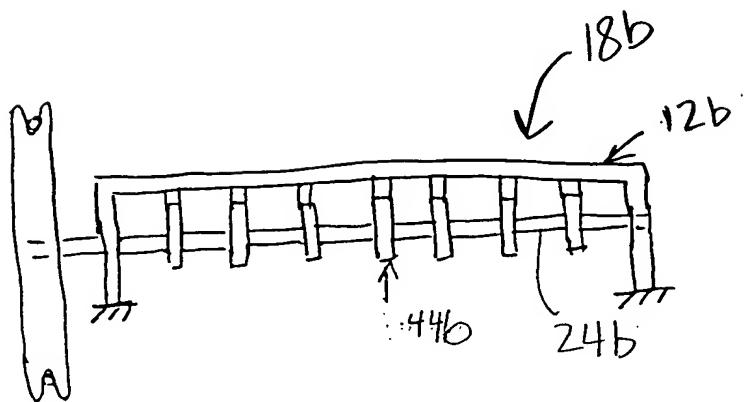
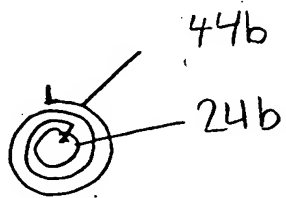


FIG. 11B



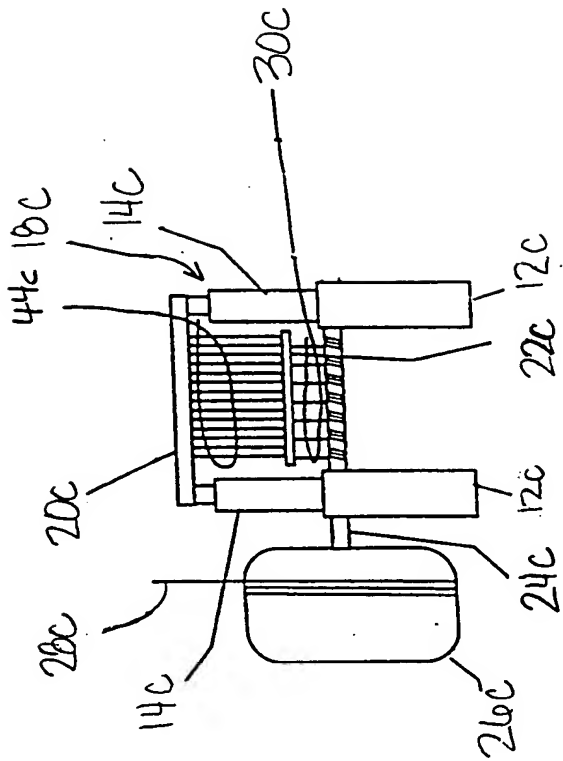


FIG. 12A

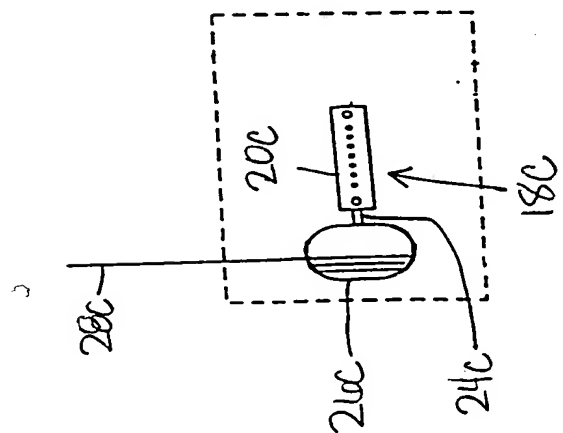


FIG. 12B

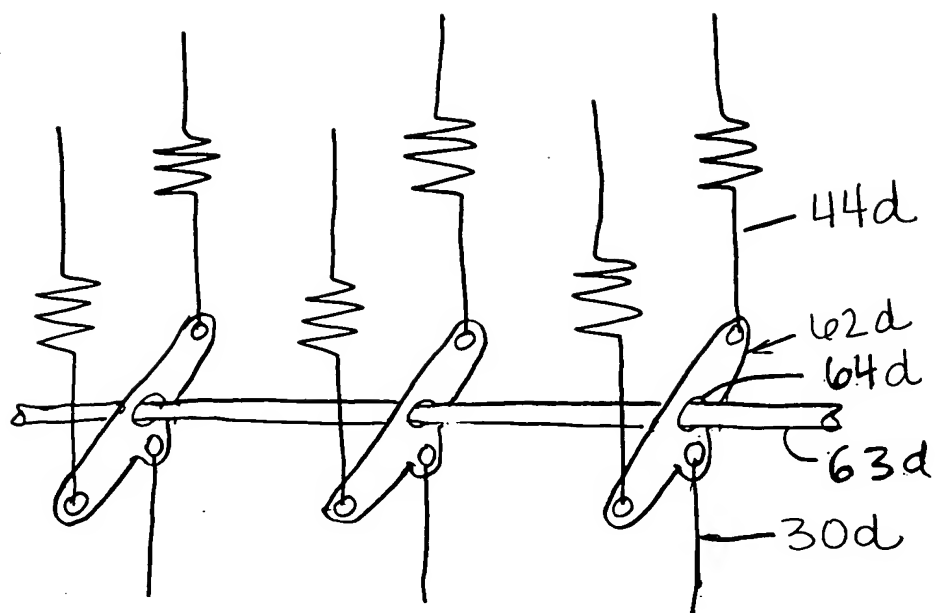


FIG. 13

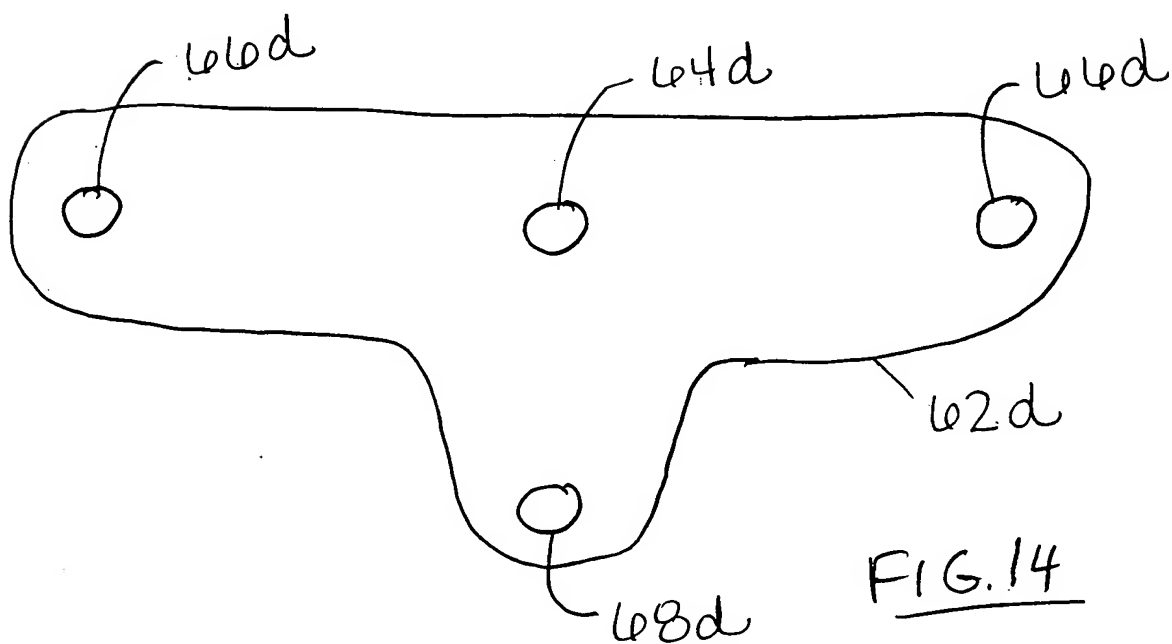


FIG. 14

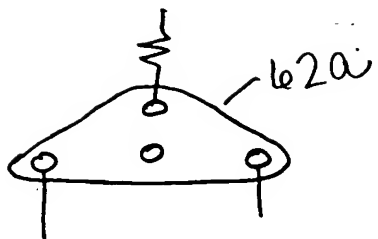


FIG. 15

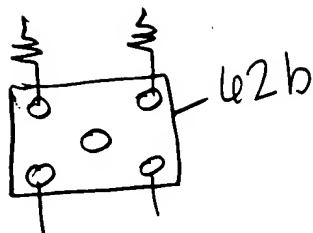


FIG. 16



FIG. 17

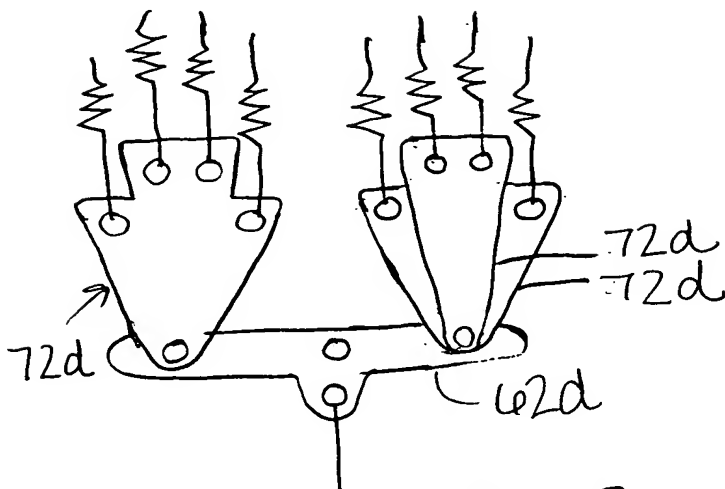


FIG. 18

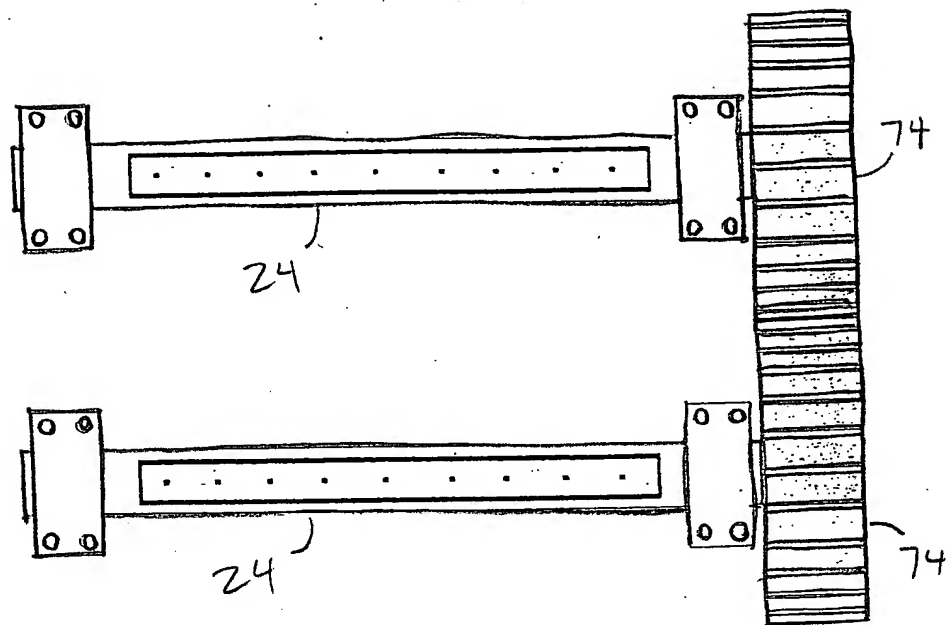


FIG. 19

FIG. 20B

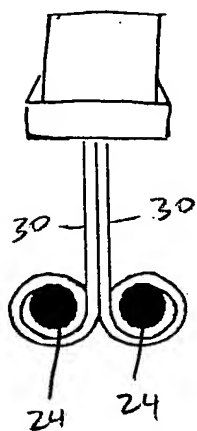


FIG. 22B

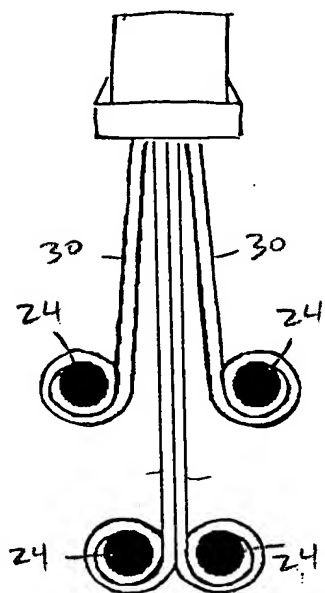


FIG. 21B

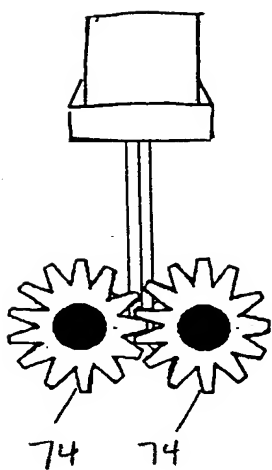
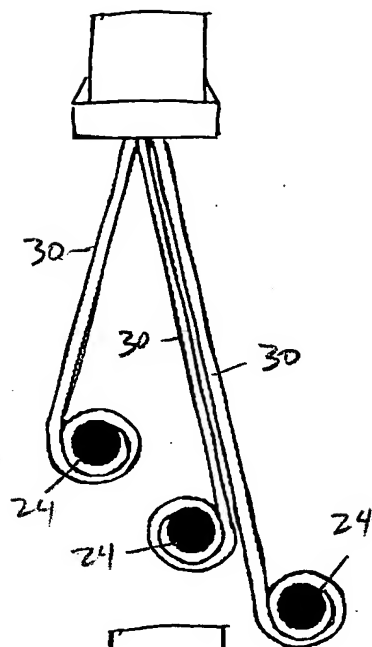


FIG. 20A

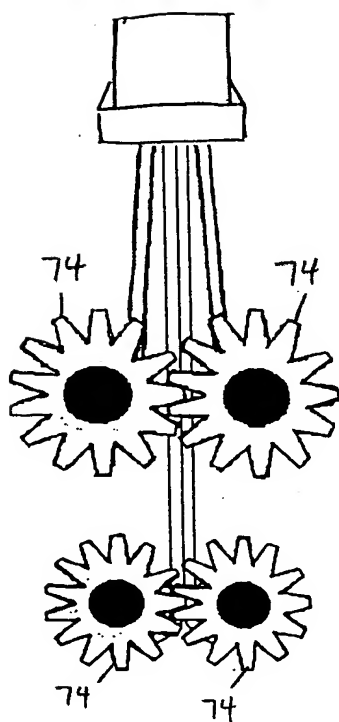


FIG. 22A

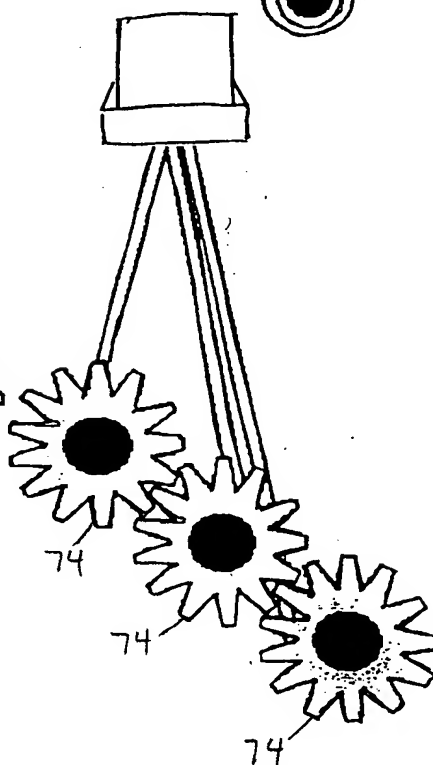


FIG. 21A

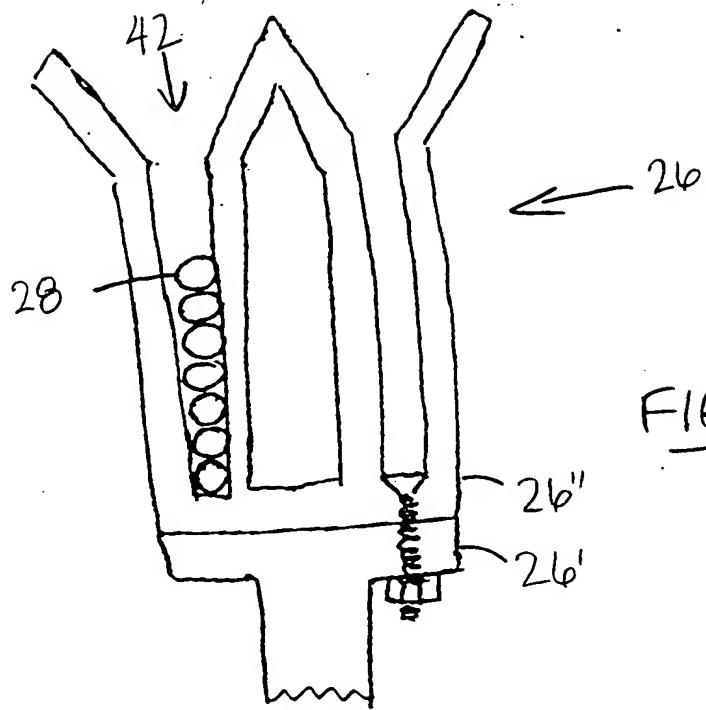


FIG. 23

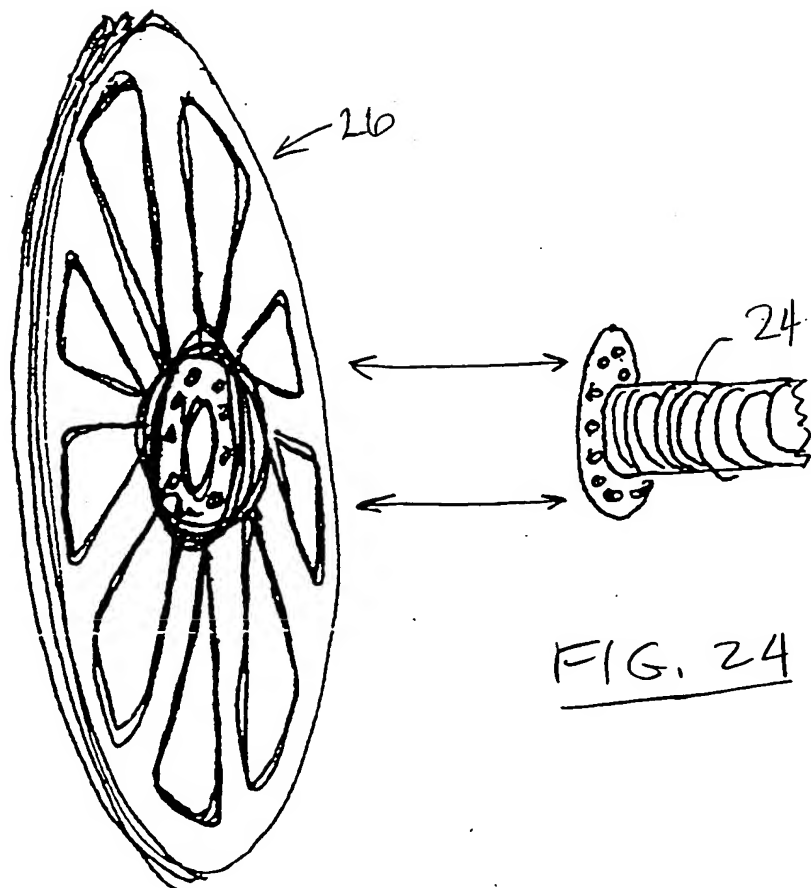


FIG. 24

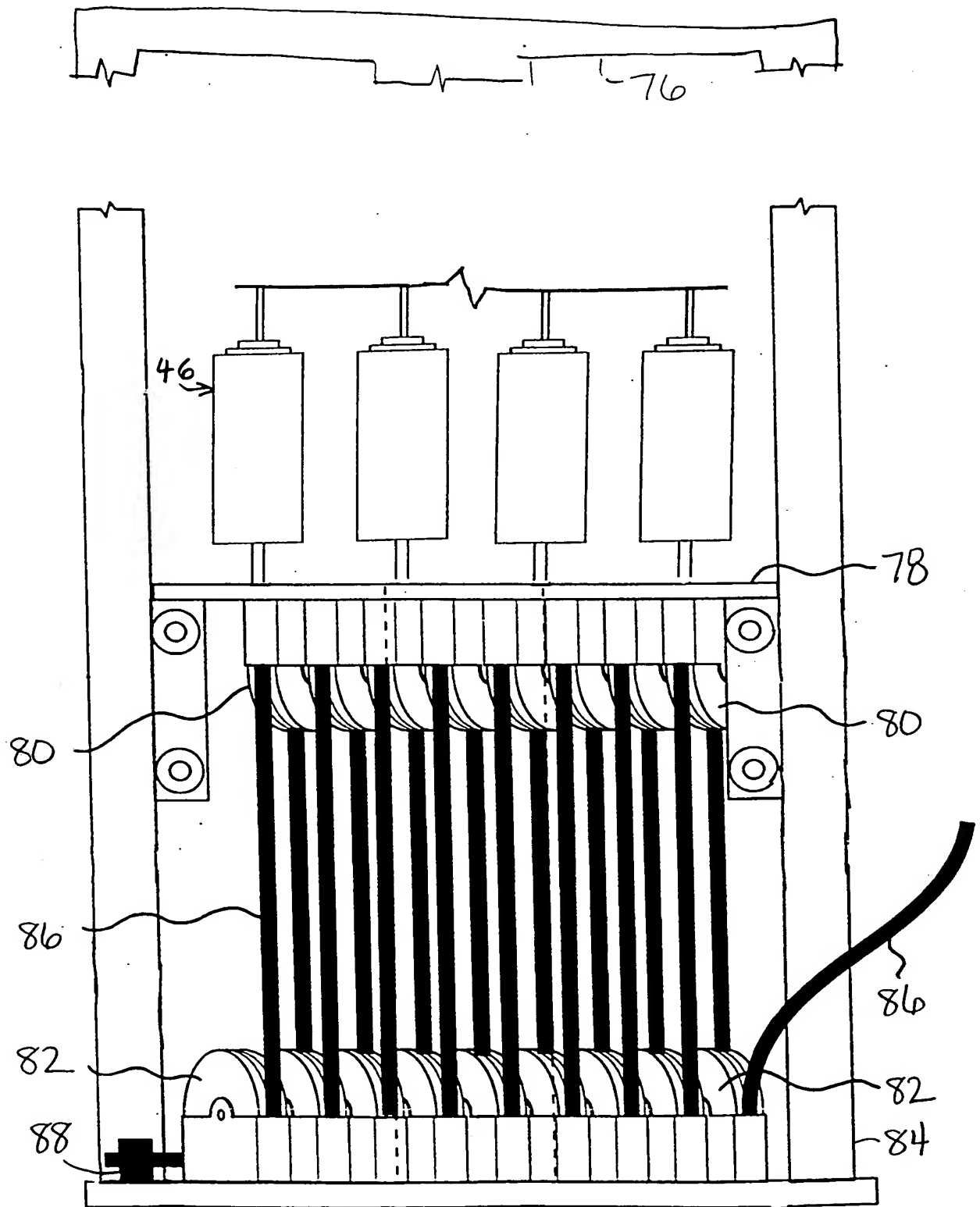


FIG. 25

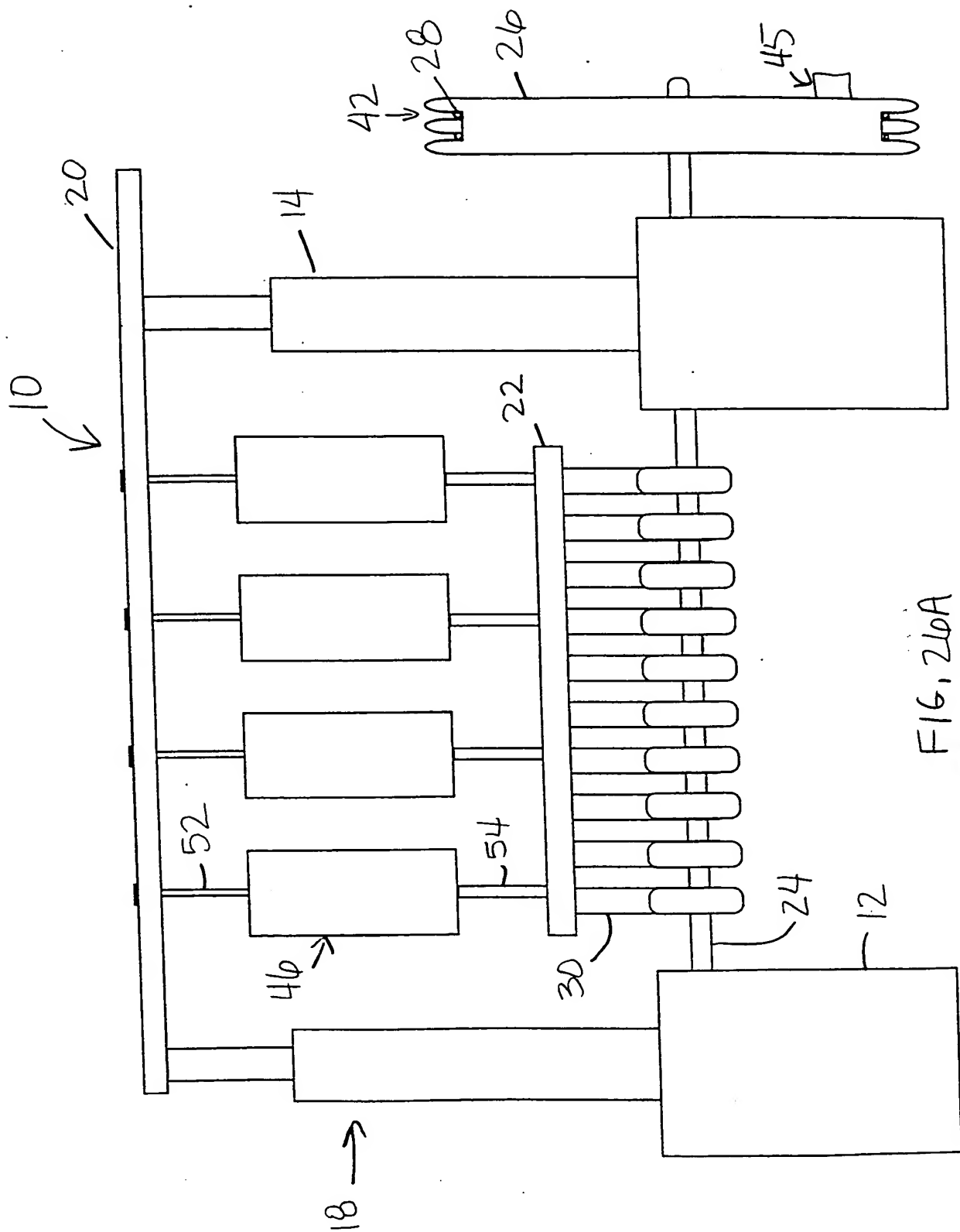


FIG. 26A

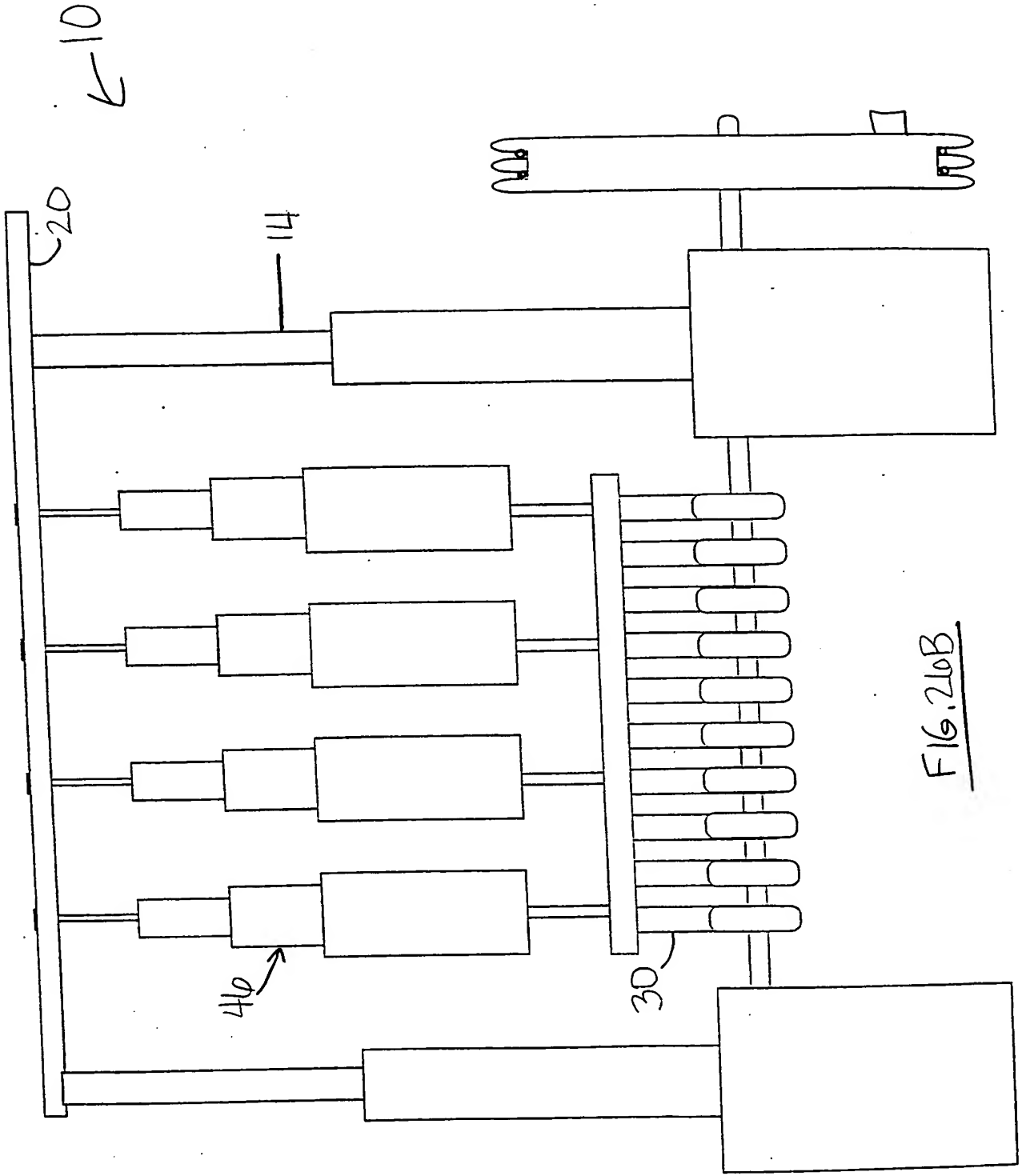


FIG. 210B

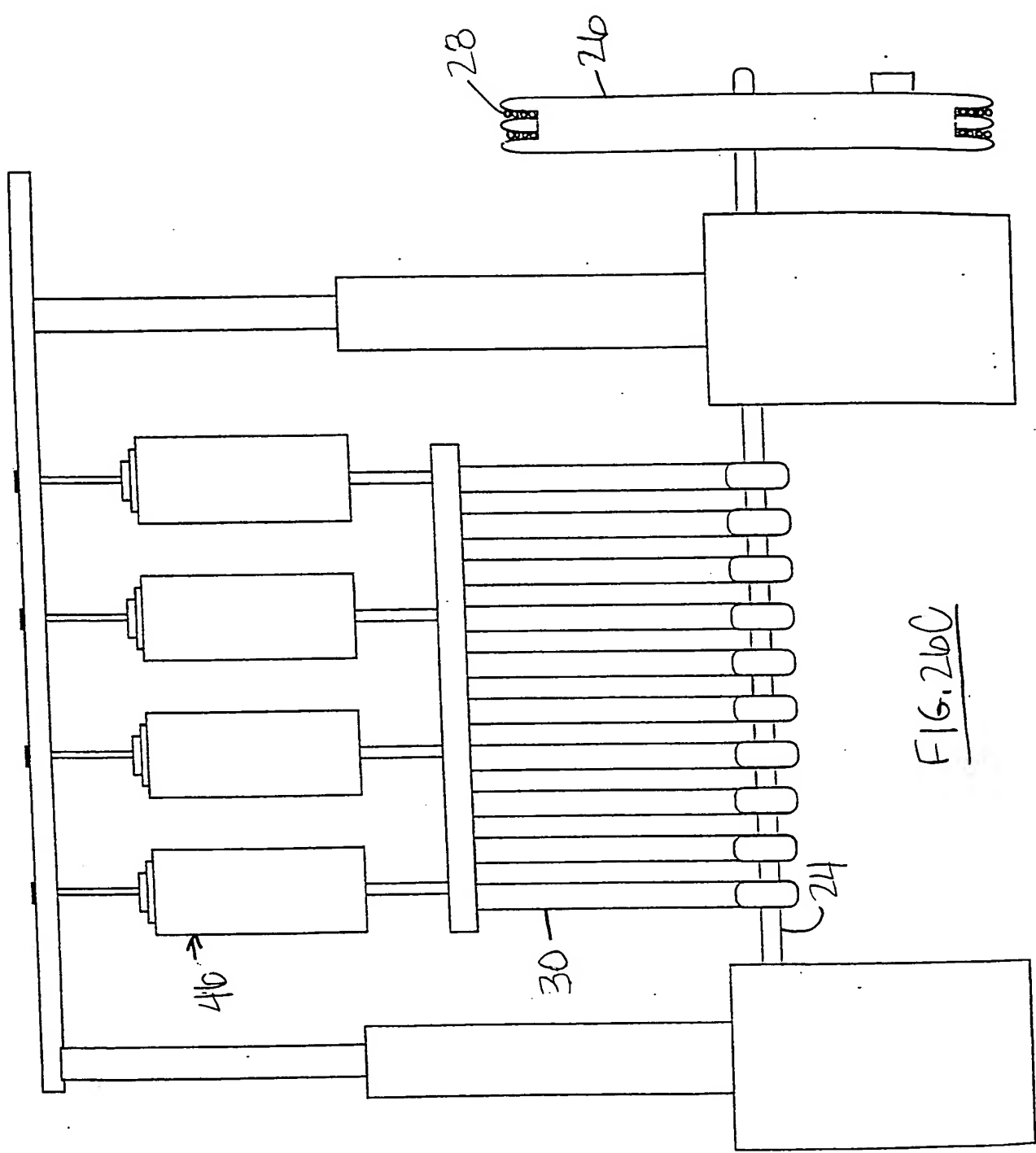


FIG. 26C

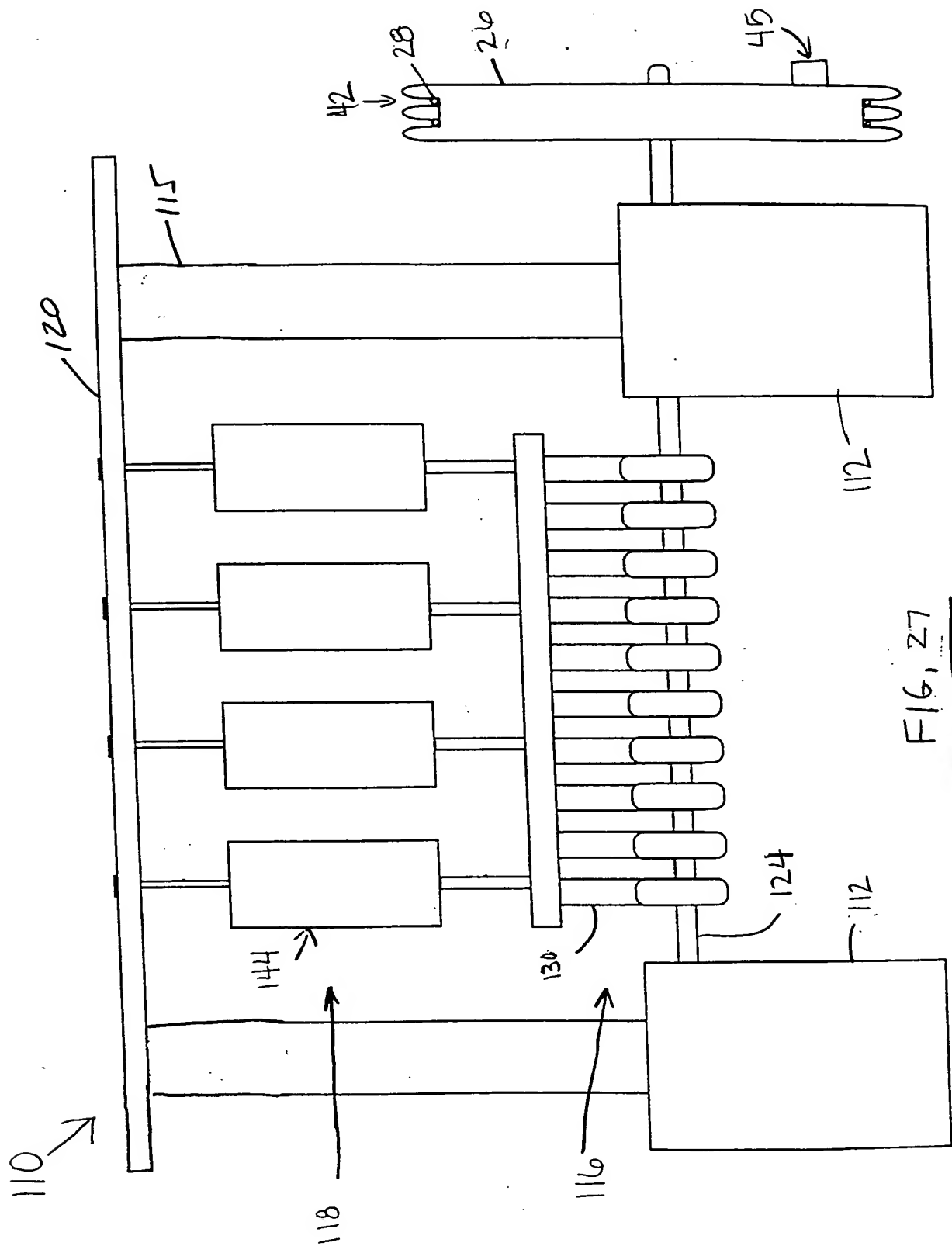
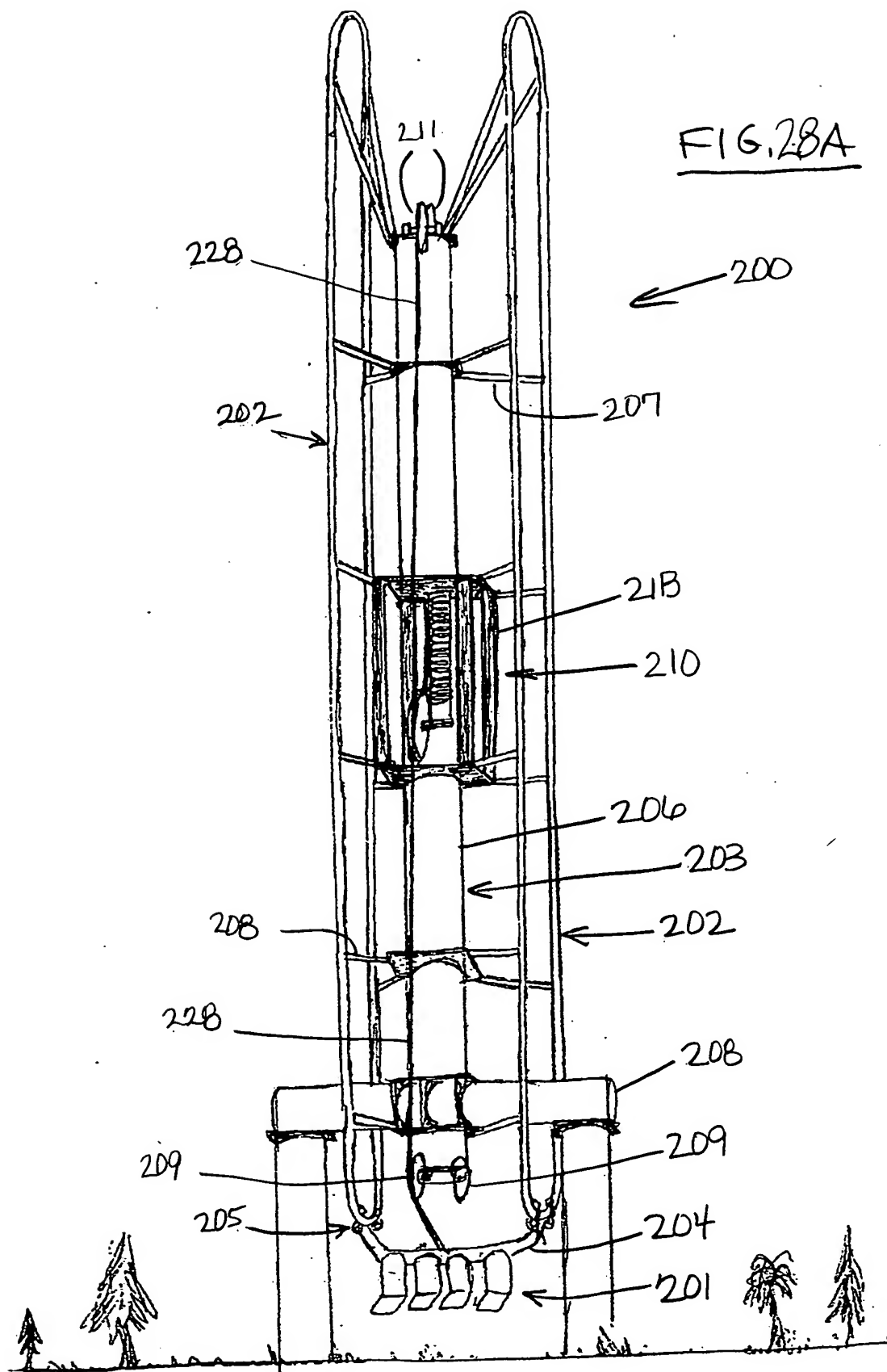
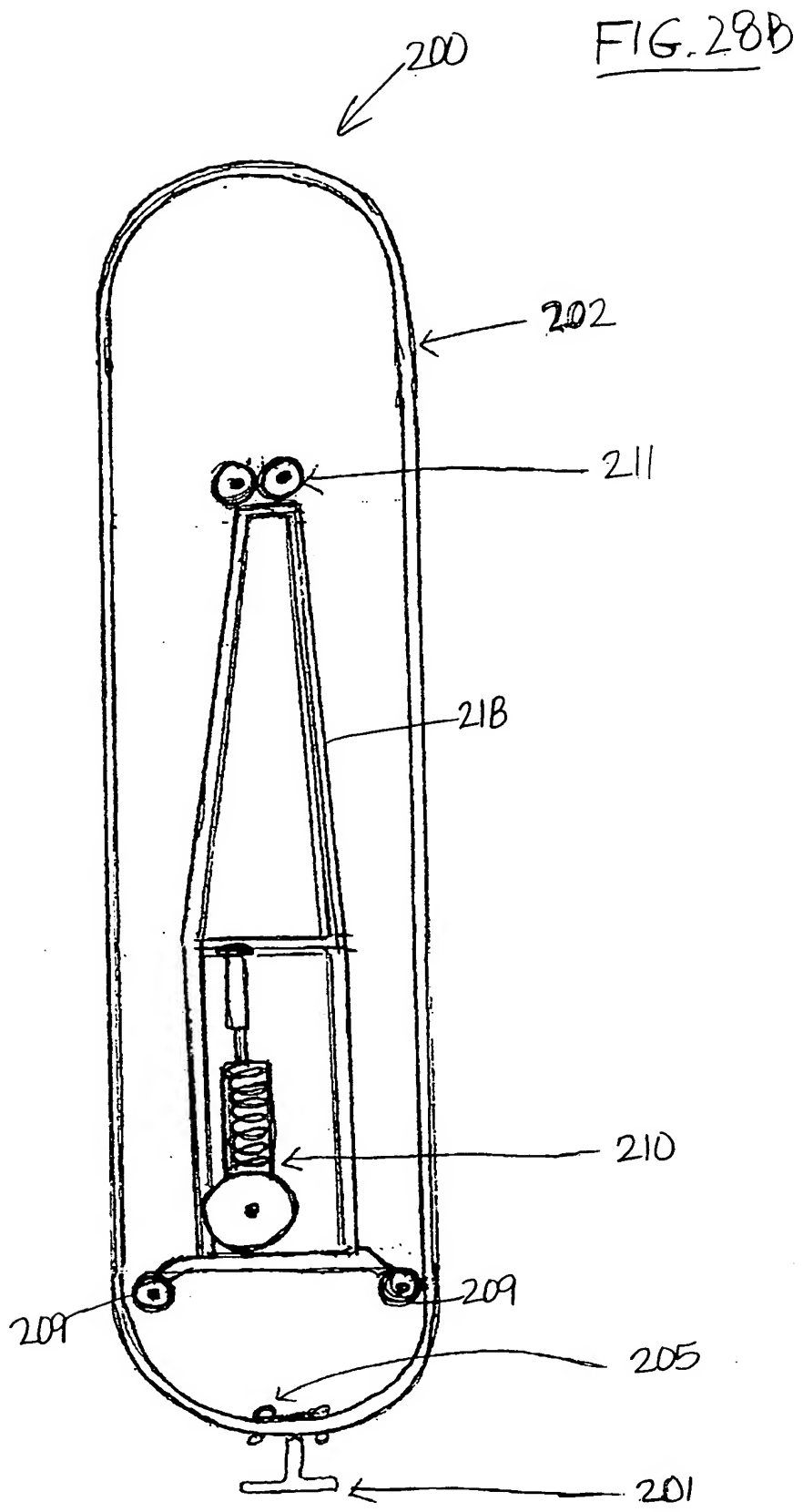
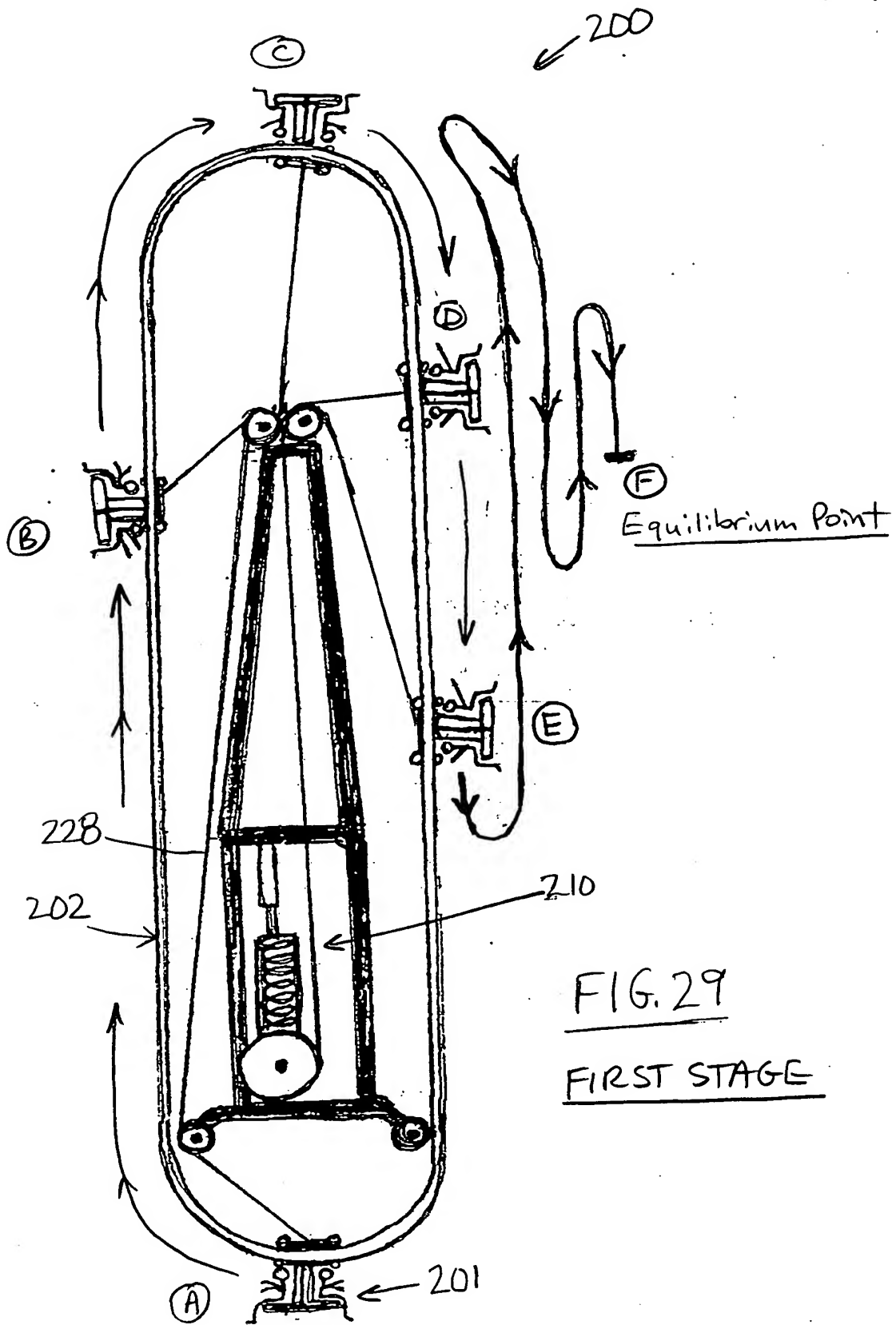


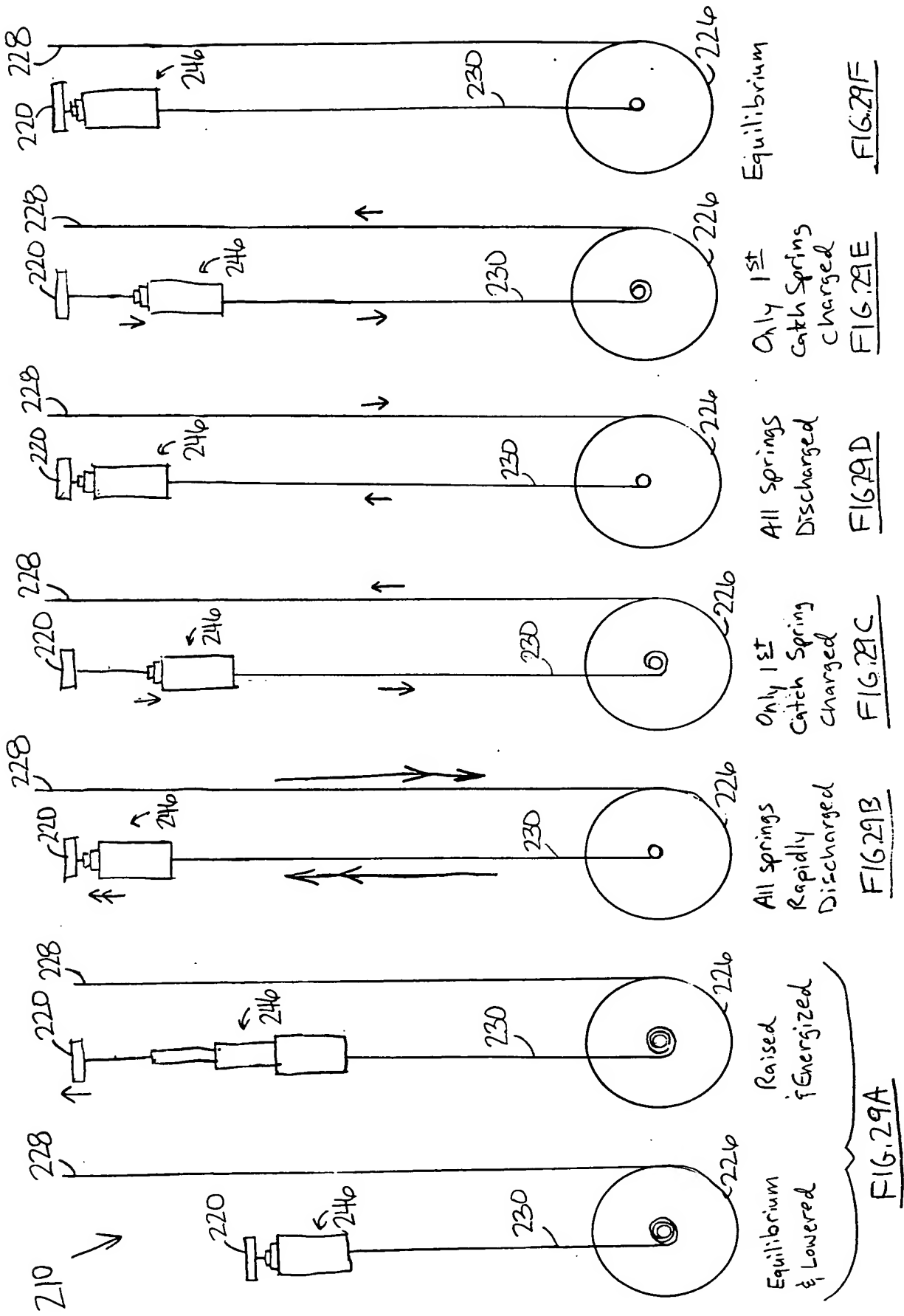
FIG. 27





10061834.020102





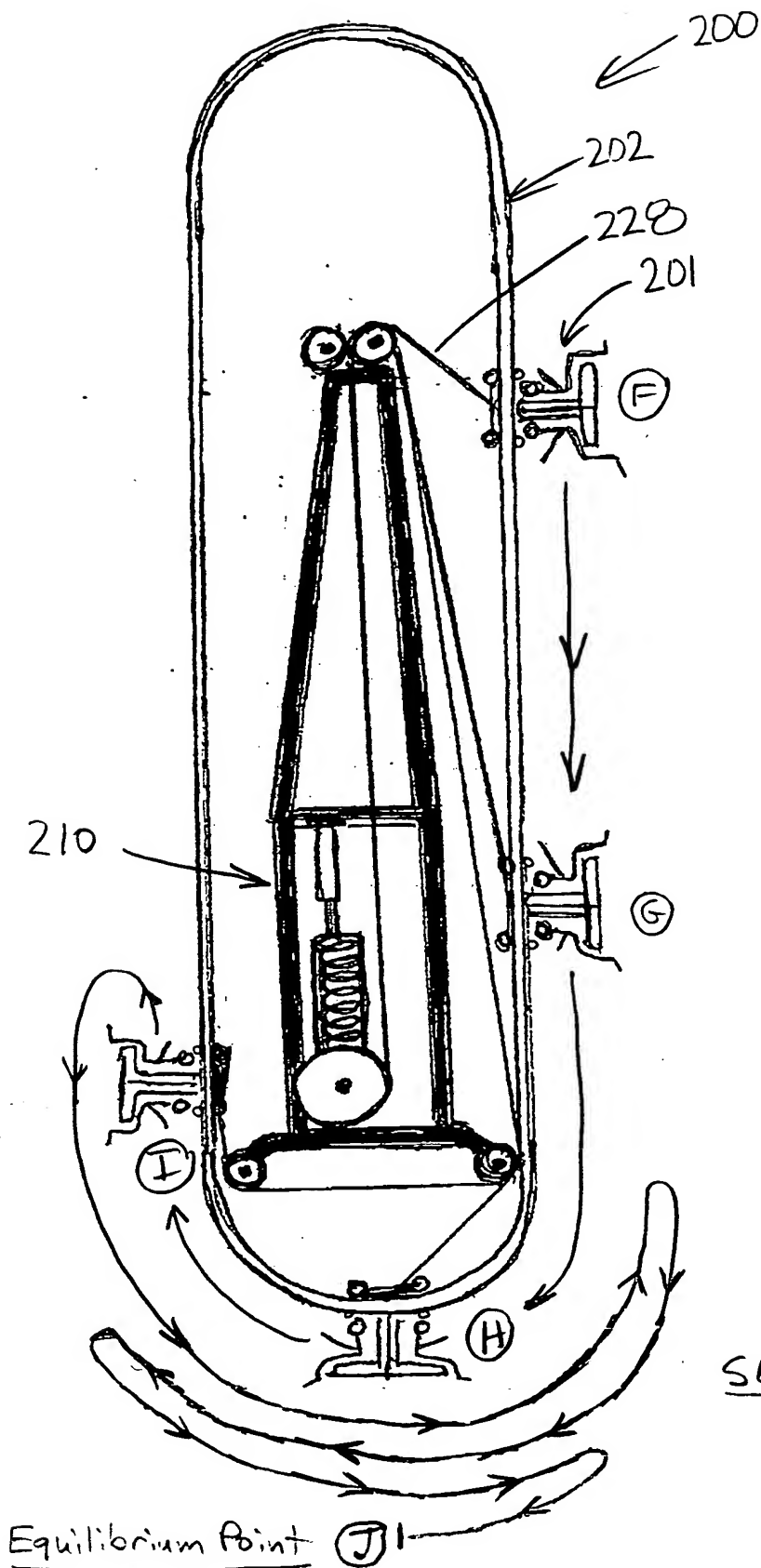
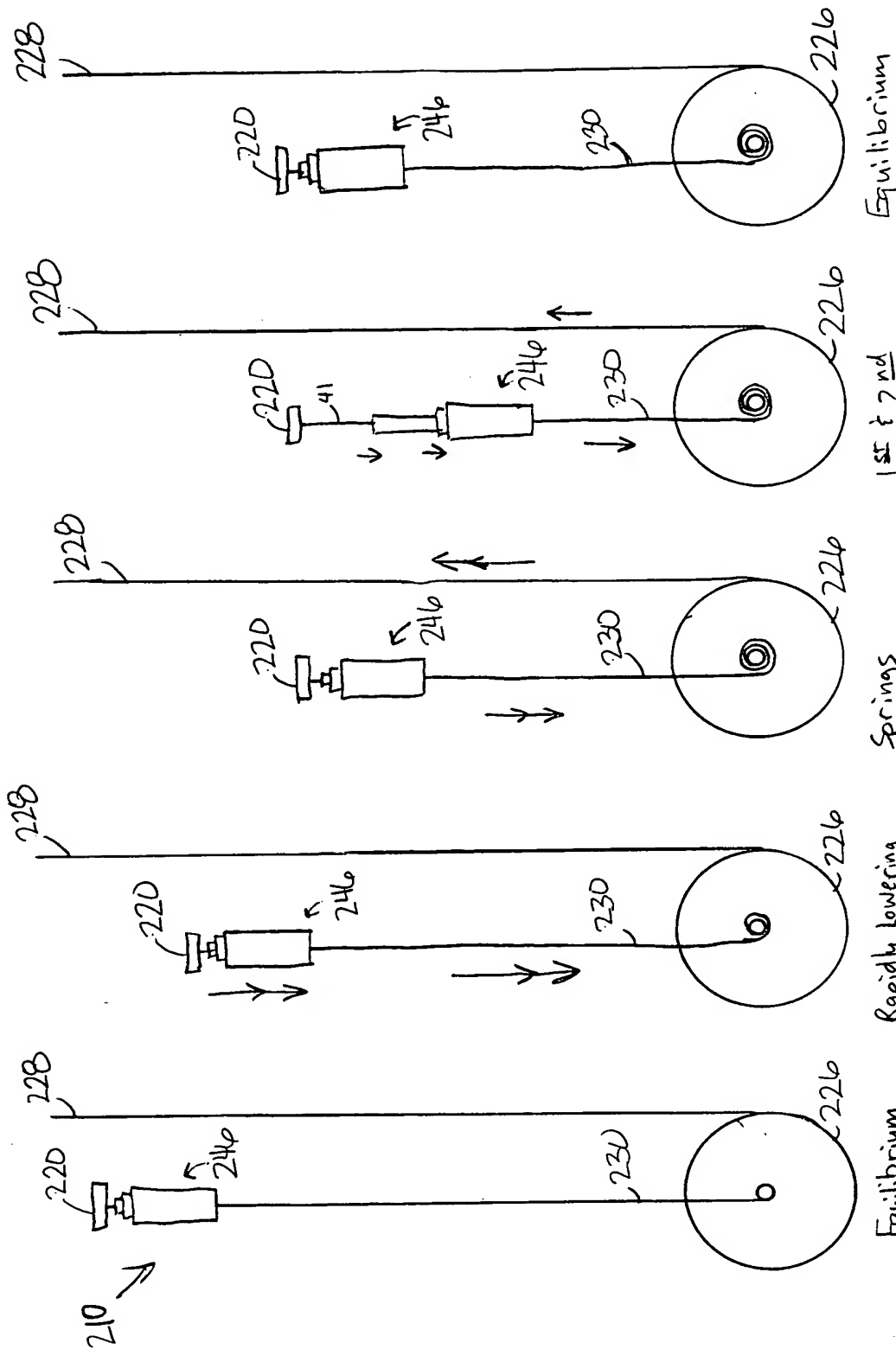


FIG. 30
SECOND STAGE



Equilibrium

FIG. 30F

Rapidly lowering
uncharged springs

FIG. 30G

Springs
uncharged
& lowered

FIG. 30H

1st & 2nd
Catch Springs
charged

FIG. 30I

Equilibrium

FIG. 30J

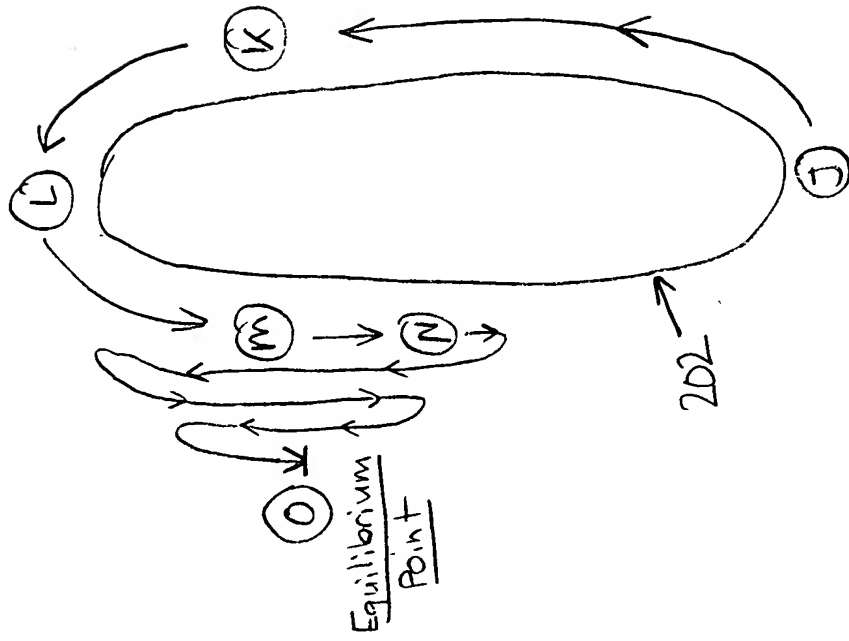


FIG. 31
THIRD STAGE

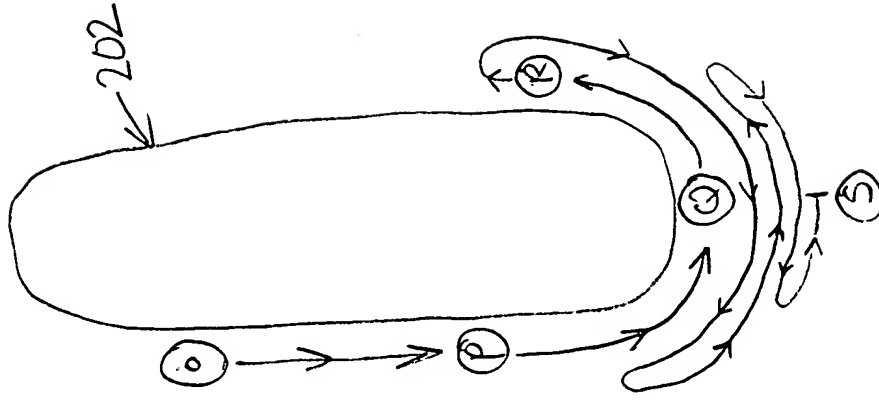


FIG. 32
FOURTH STAGE

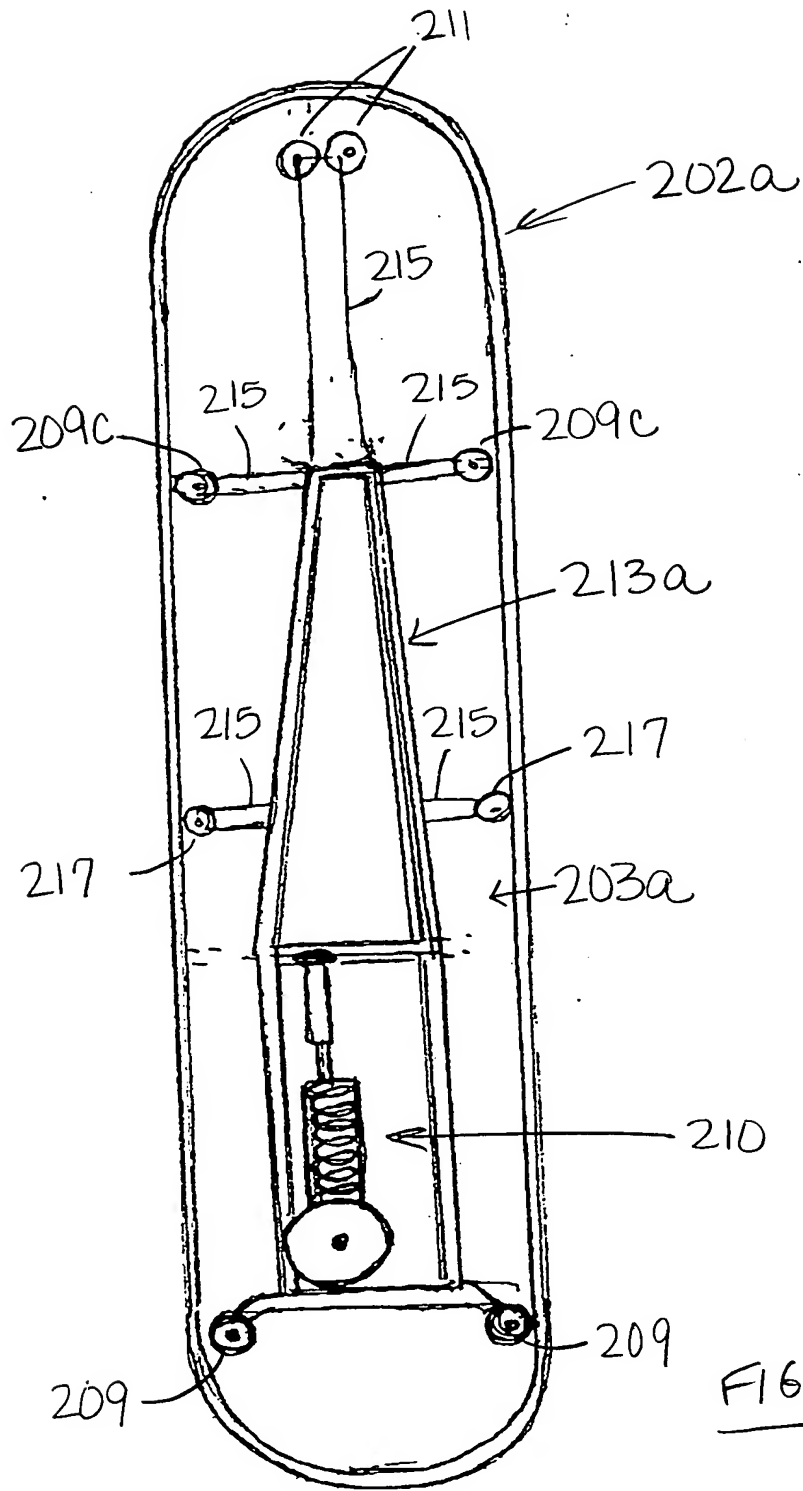
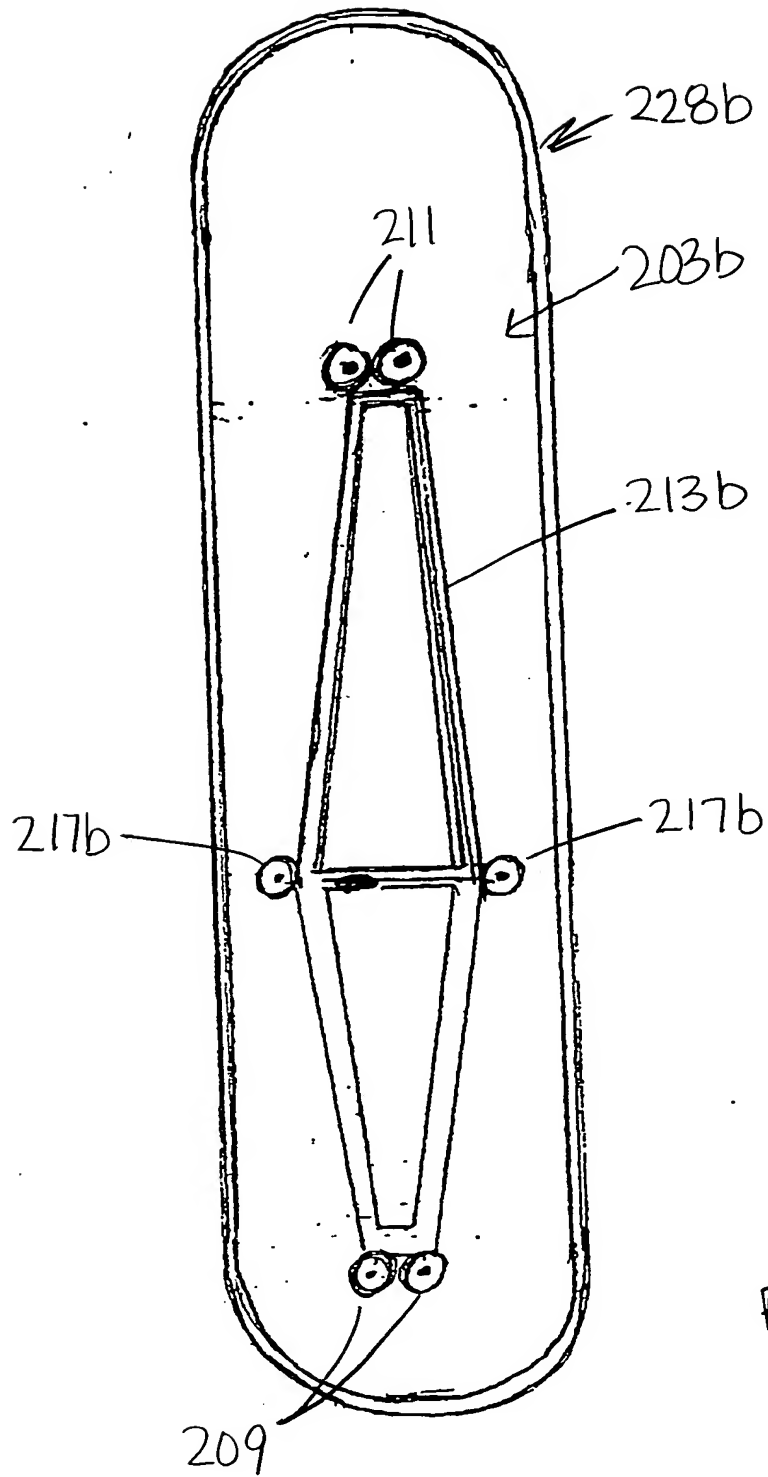
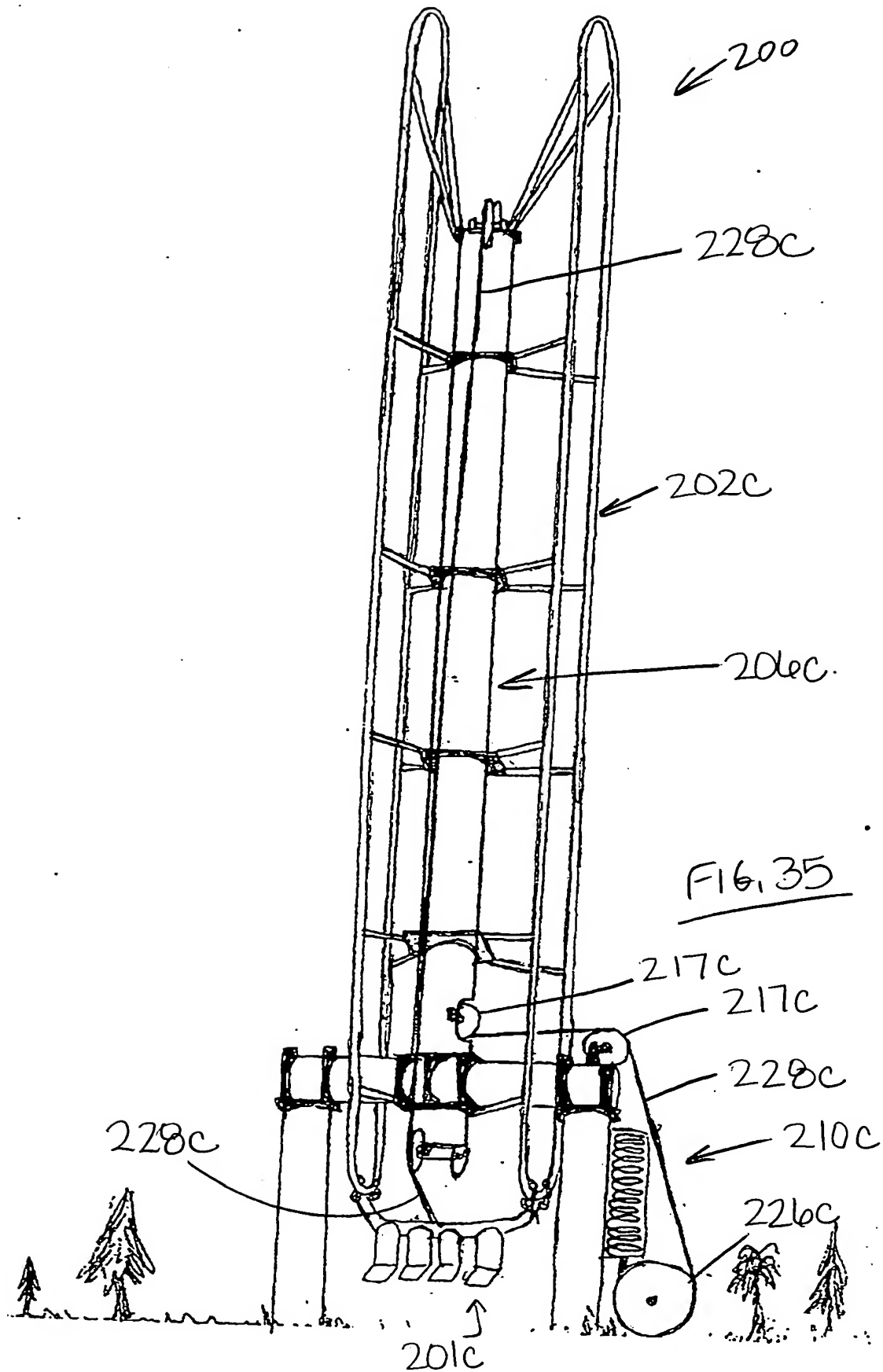


FIG. 33





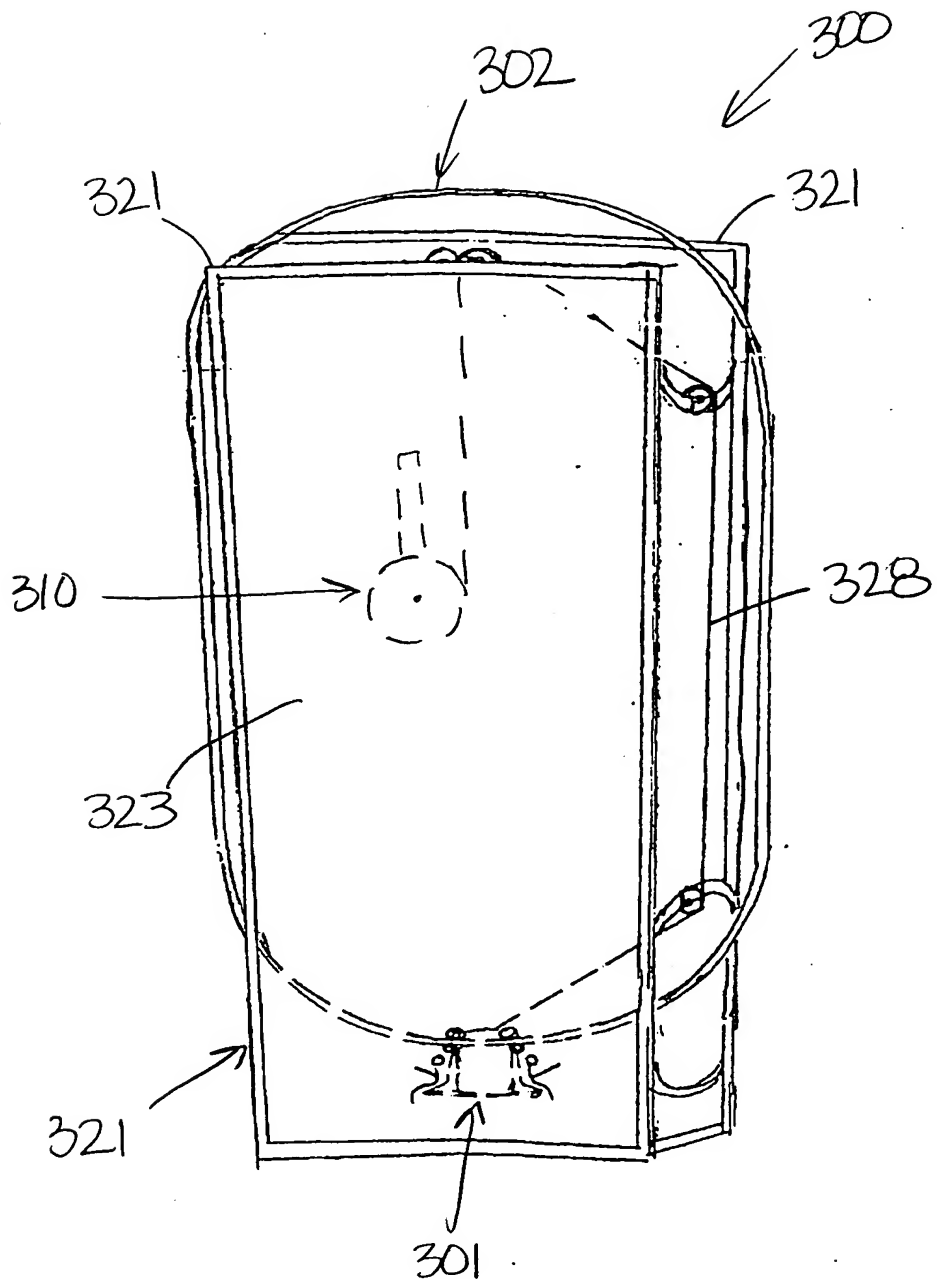
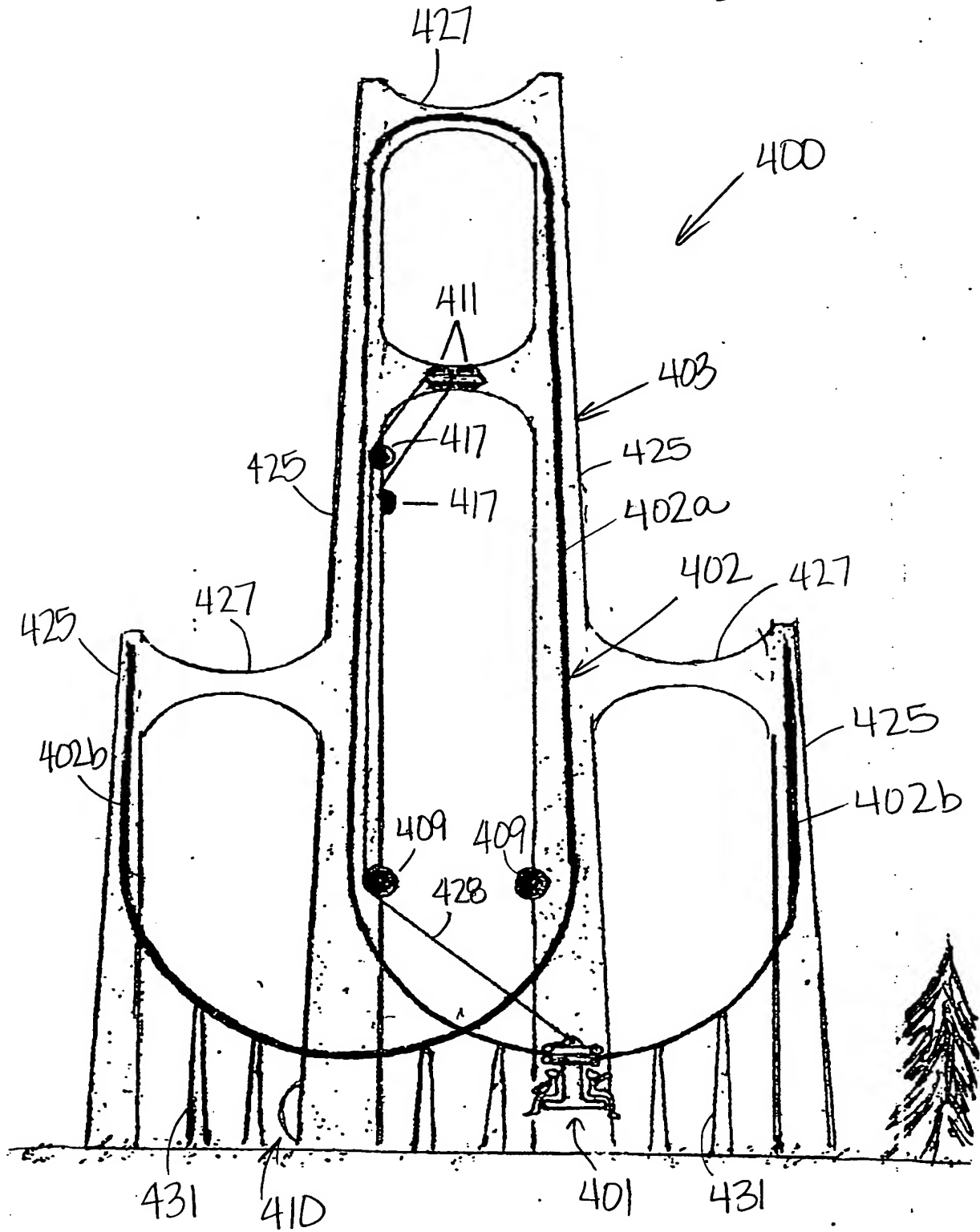
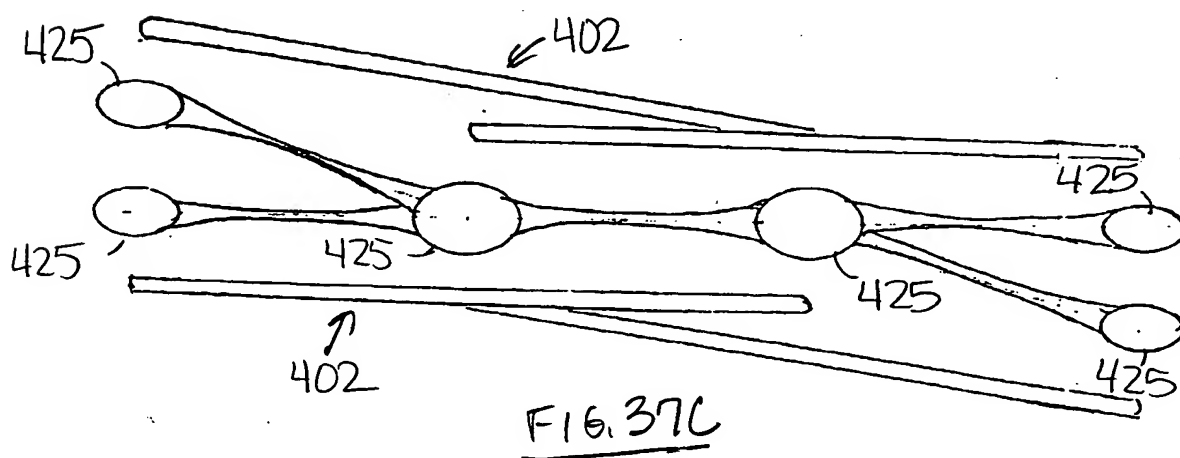
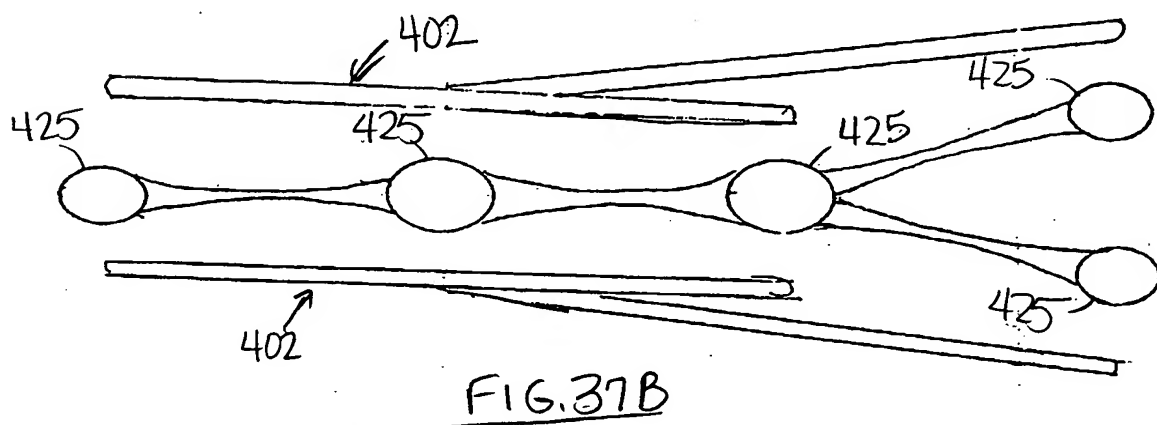
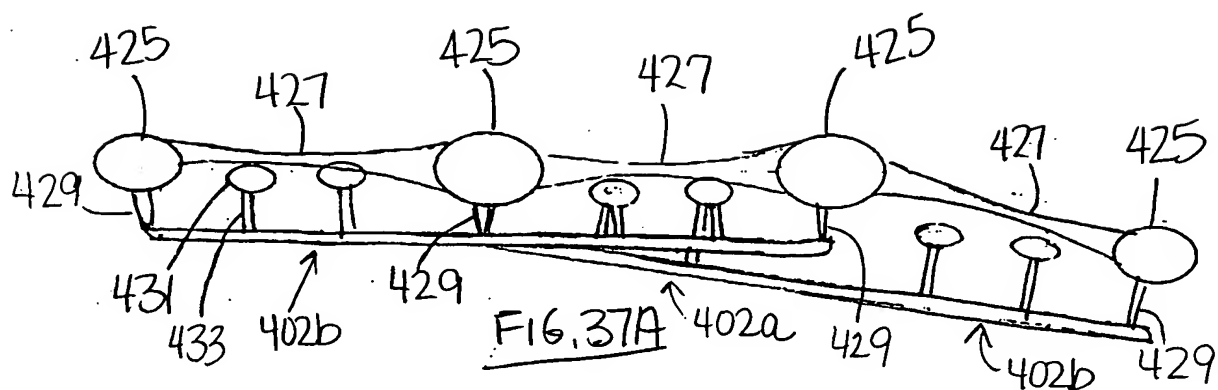


FIG. 36

FIG. 37





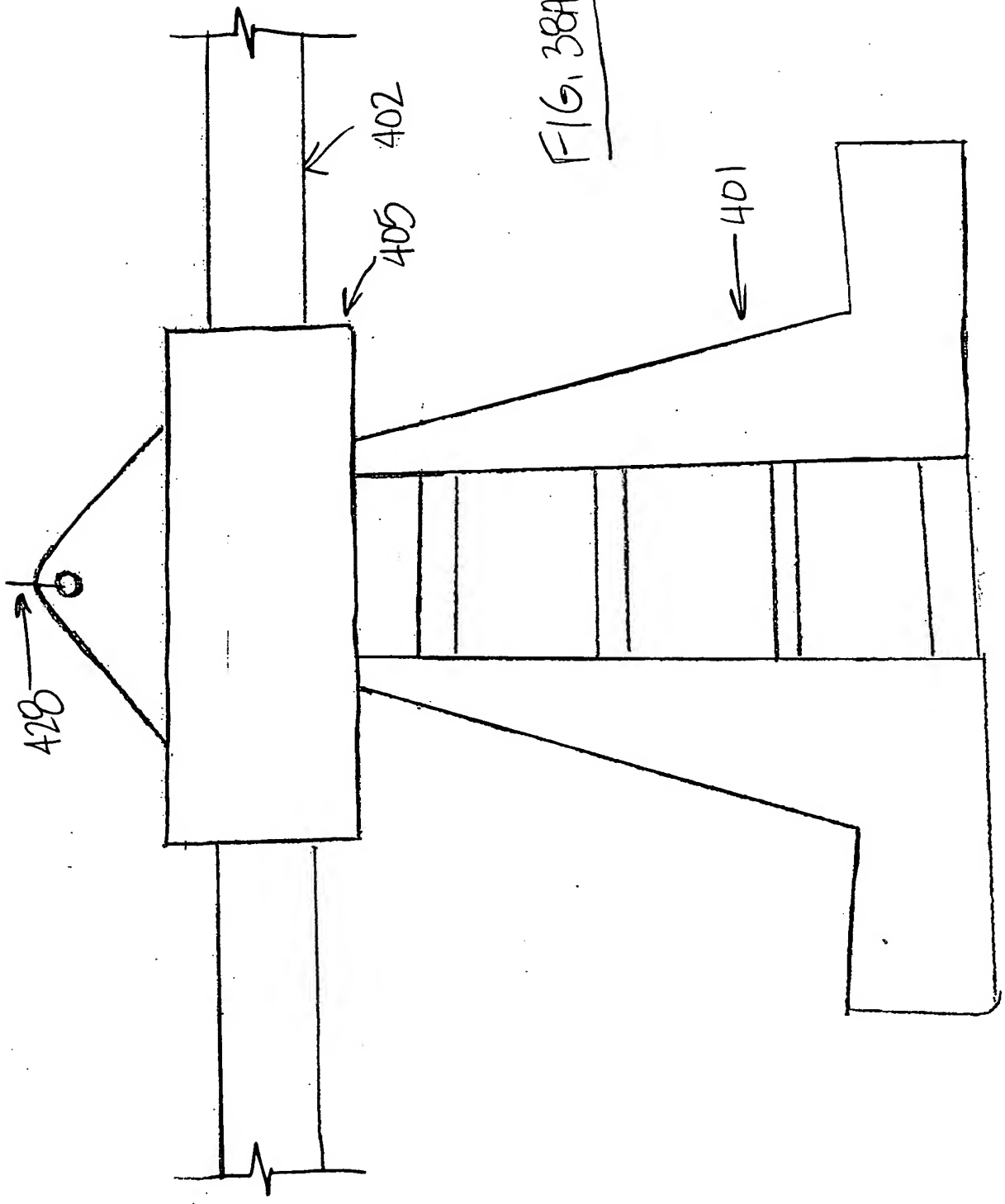


FIG. 38A

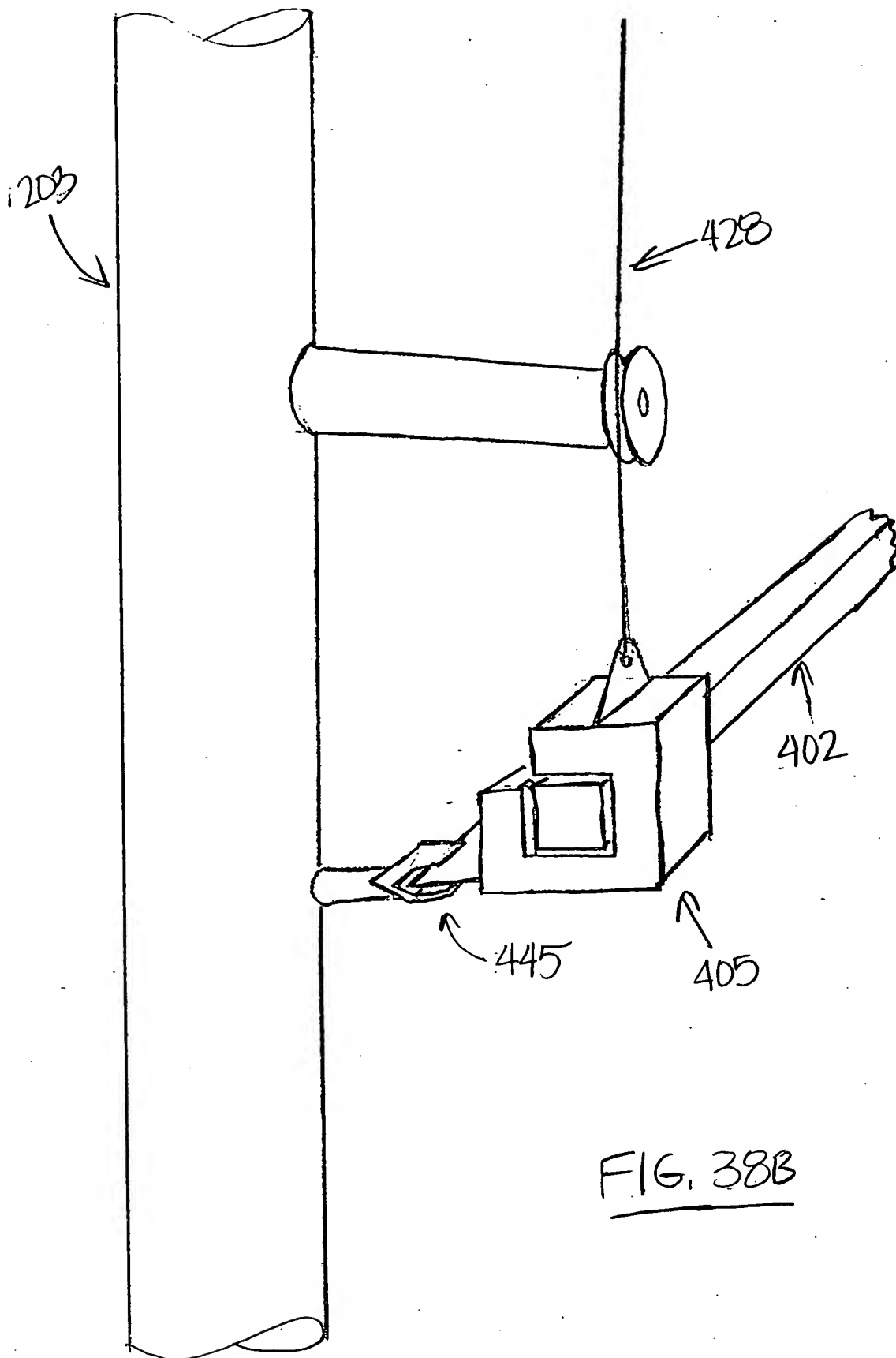


FIG. 38B

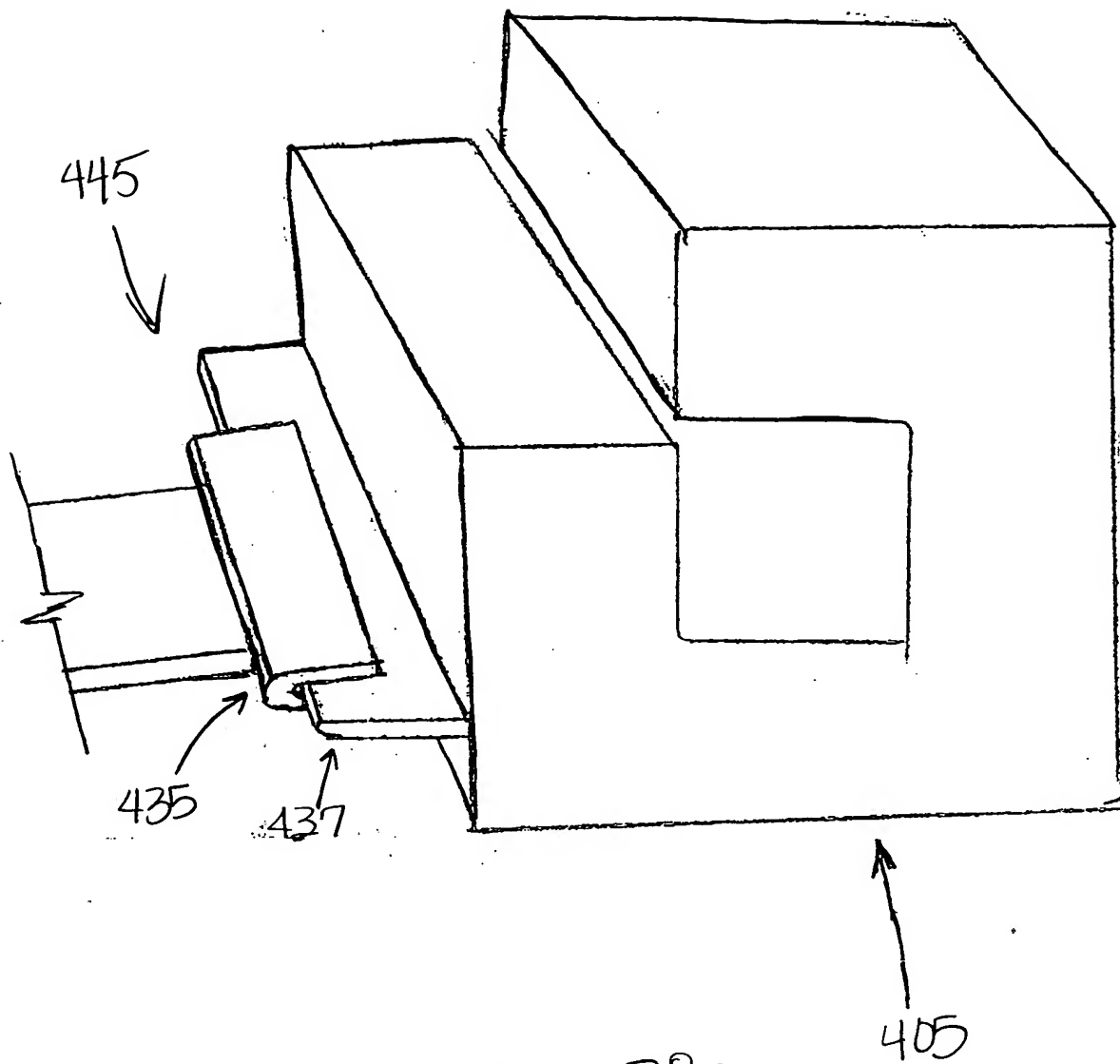
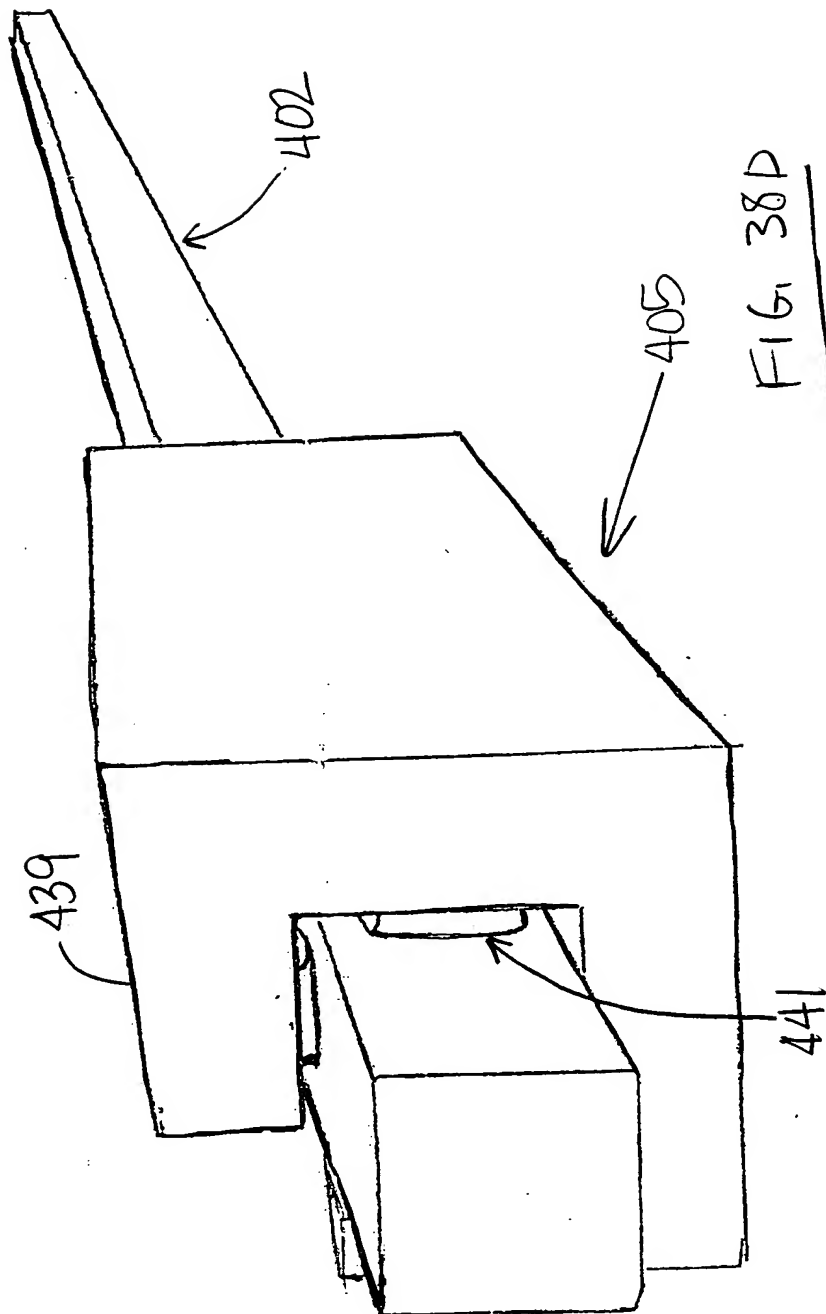


FIG. 38C



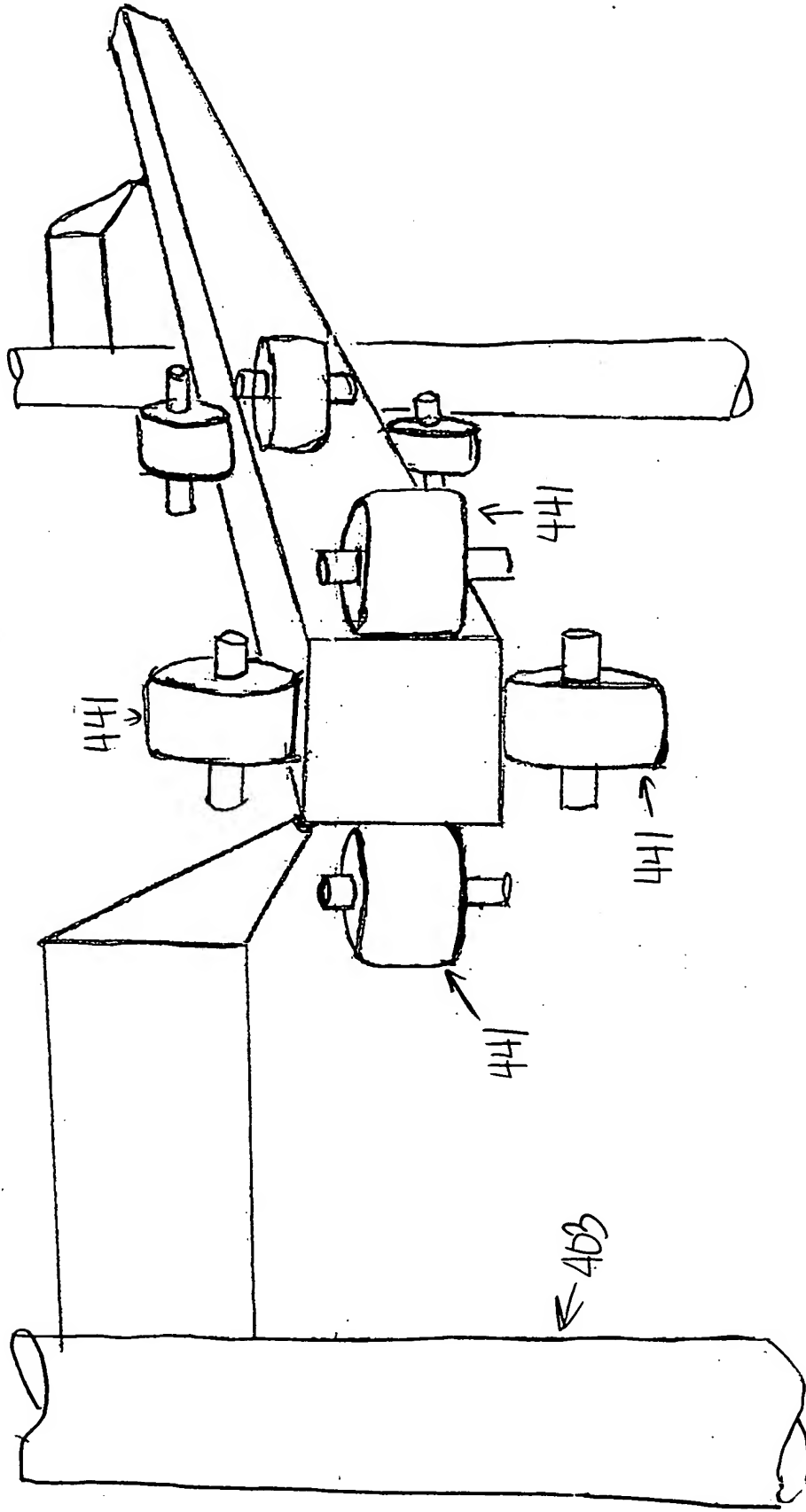


FIG. 38E

2010020 "HEBTSOOT"

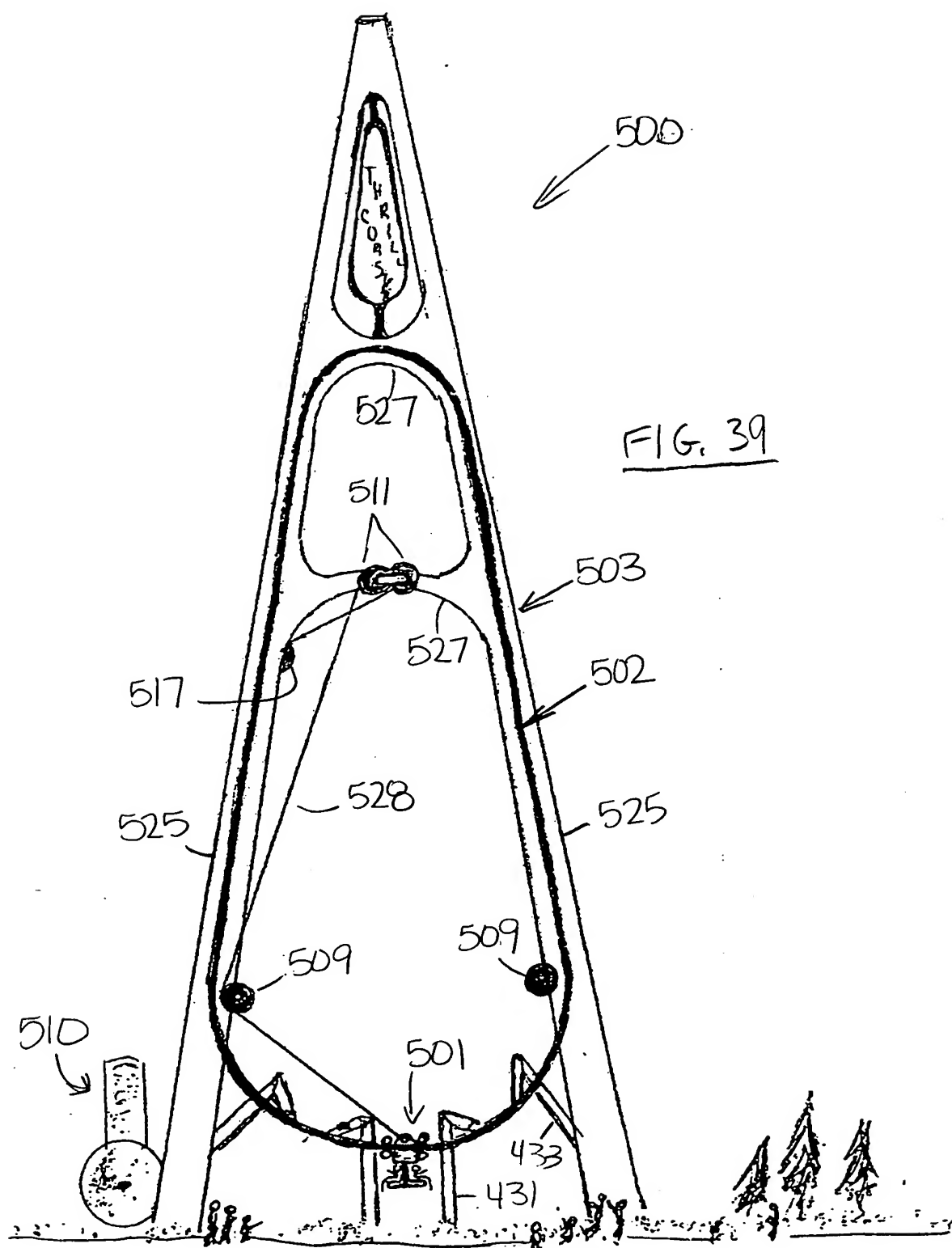
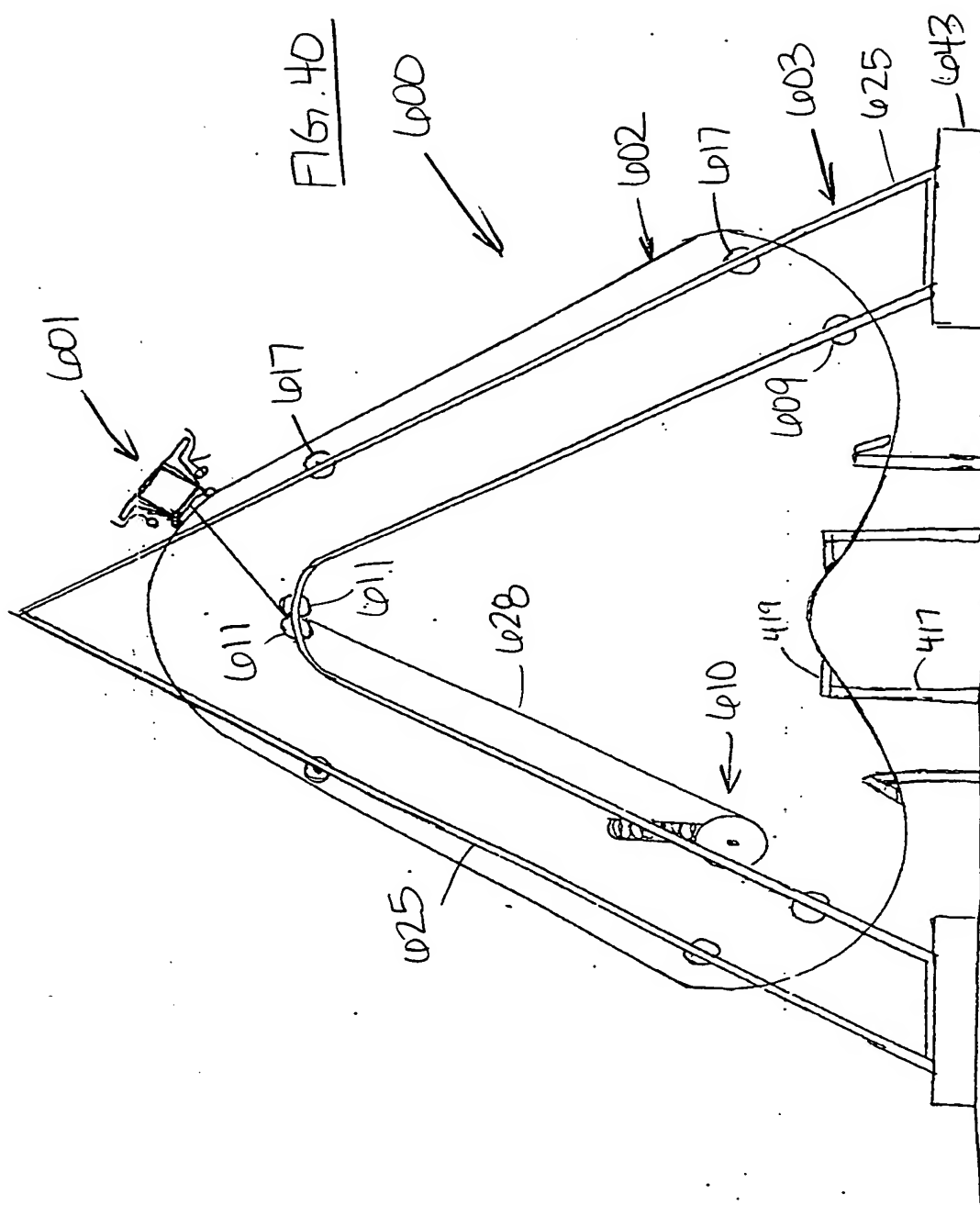


FIG. 39



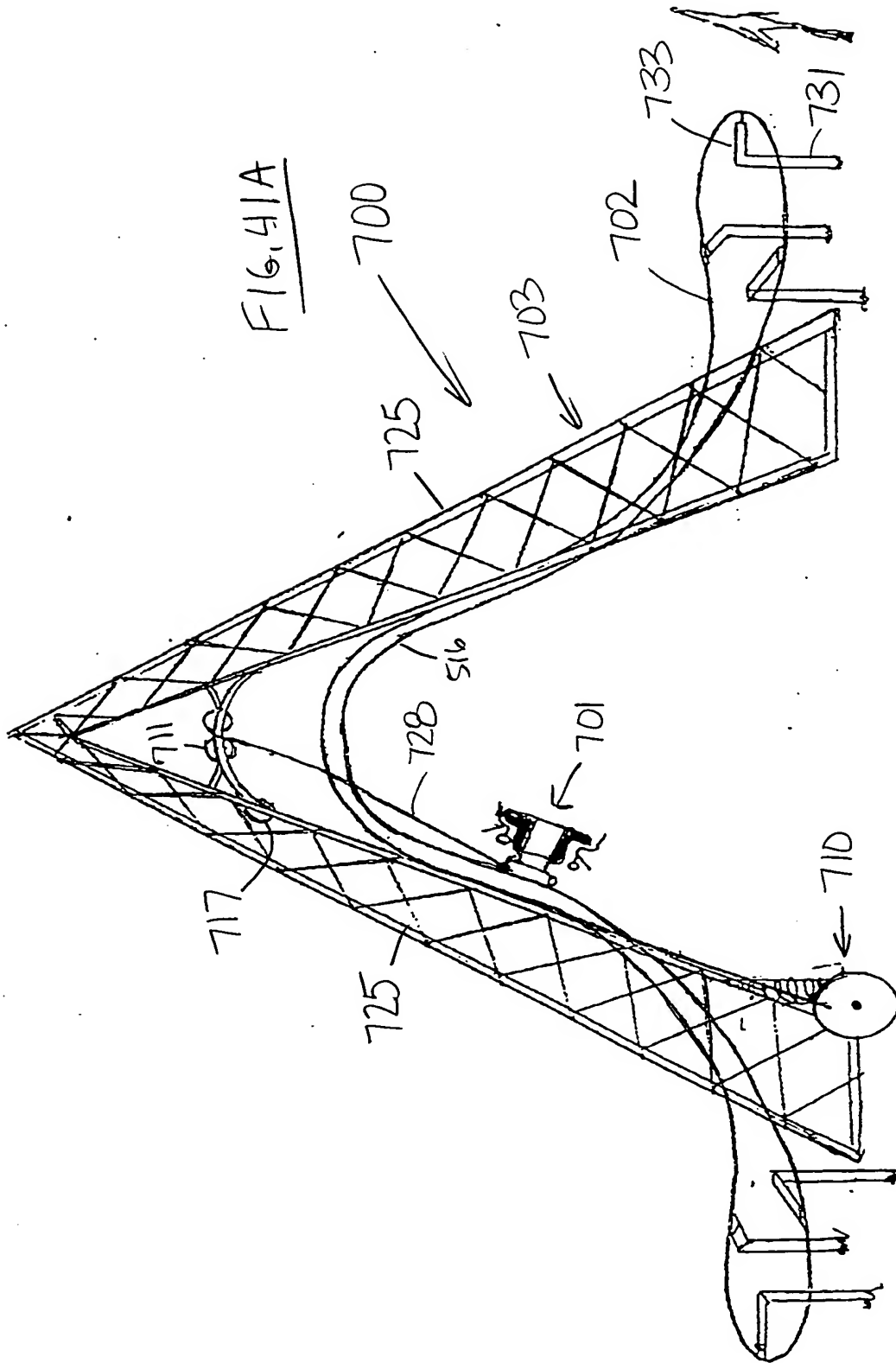
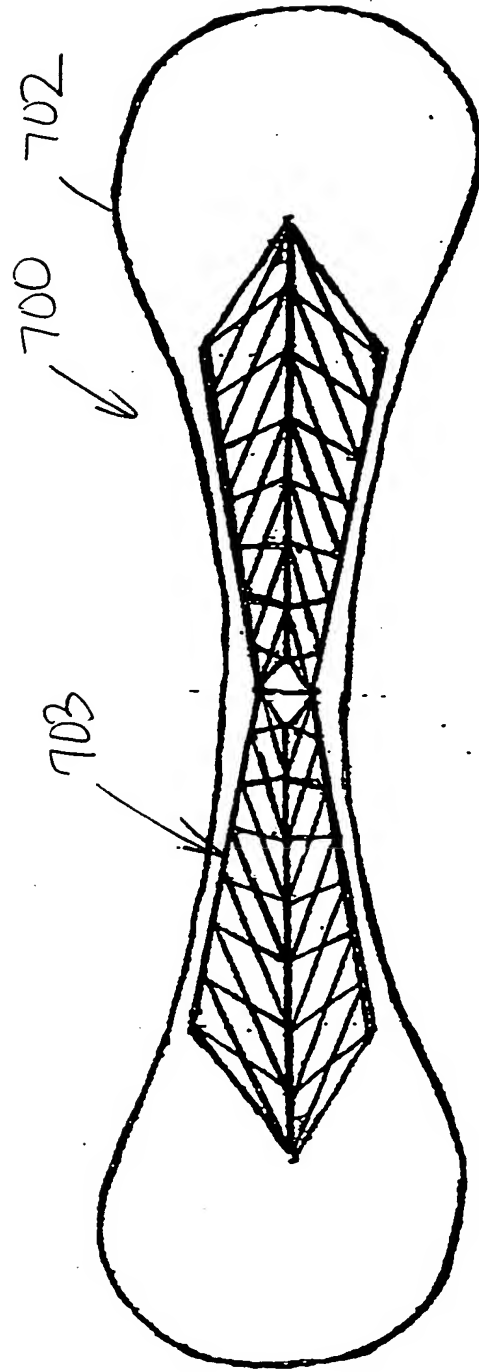
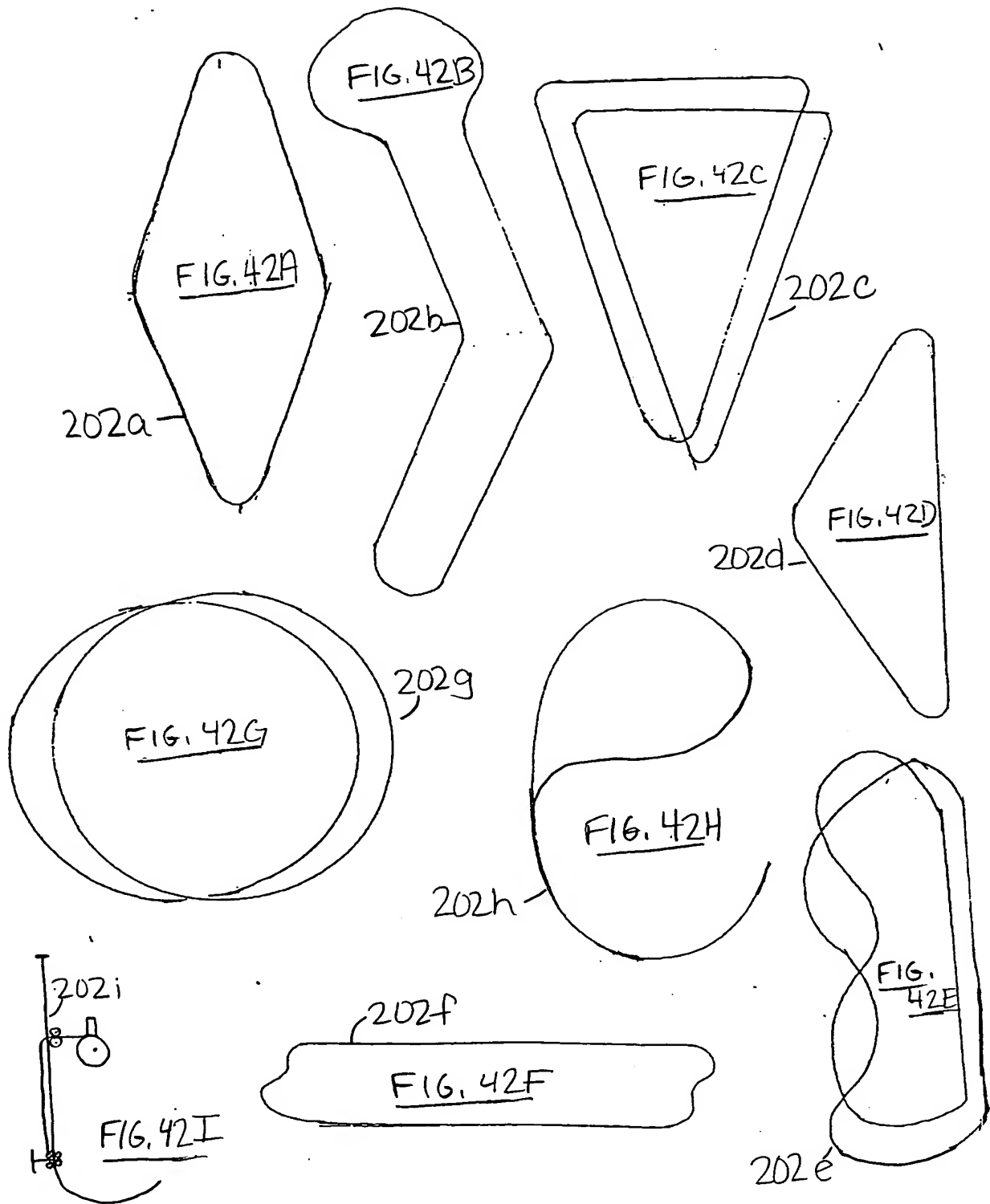


FIG. 41B





10061834.020102

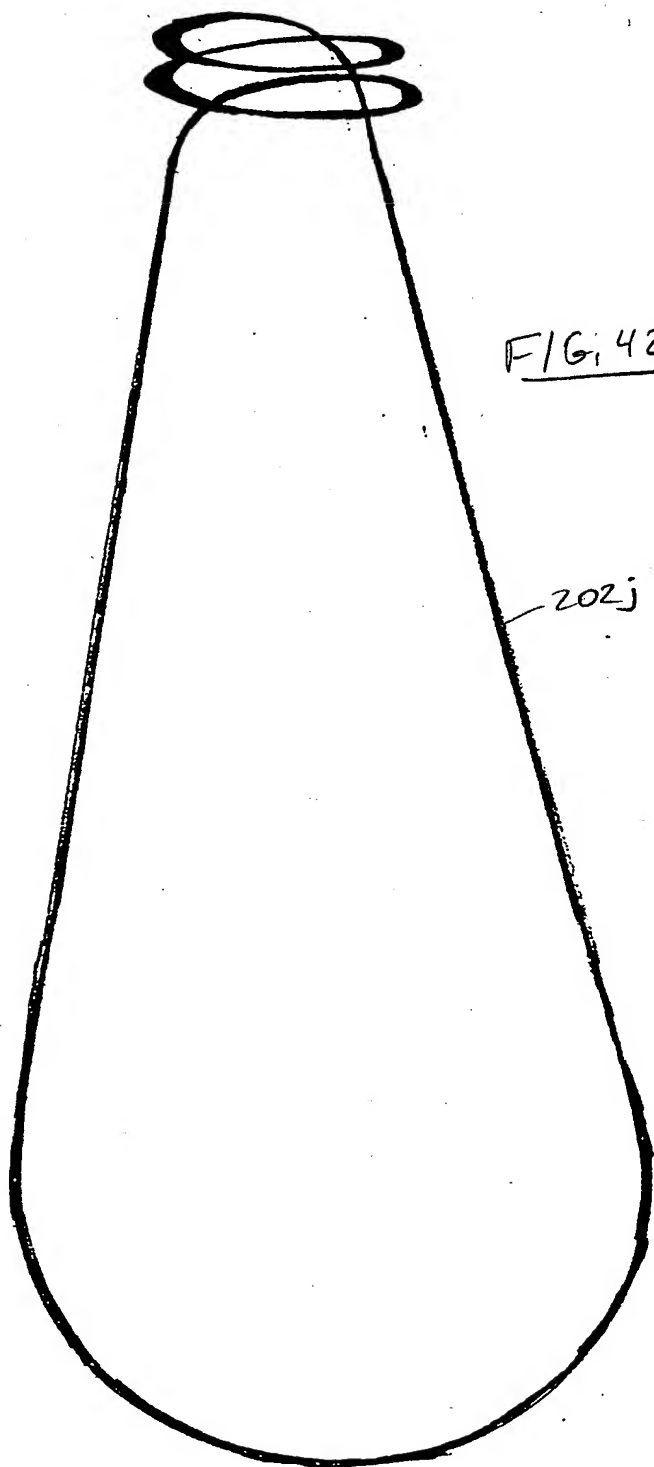


FIG. 42J

202j

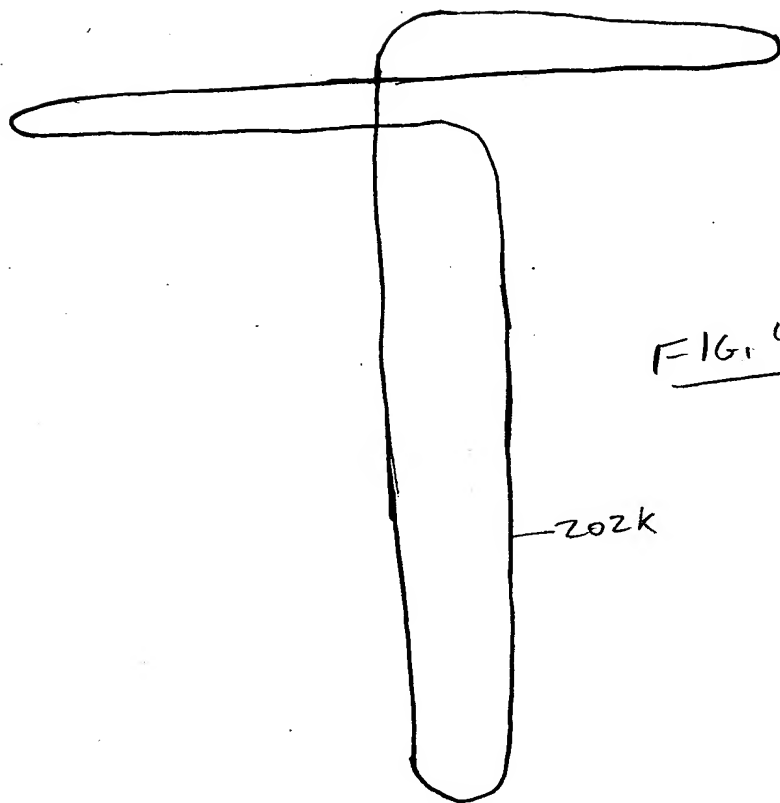


FIG. 42K

202K

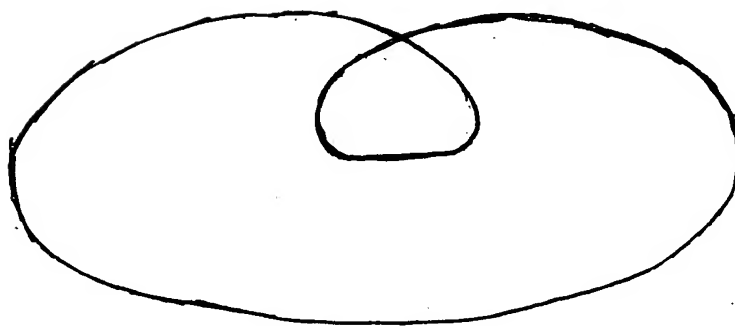
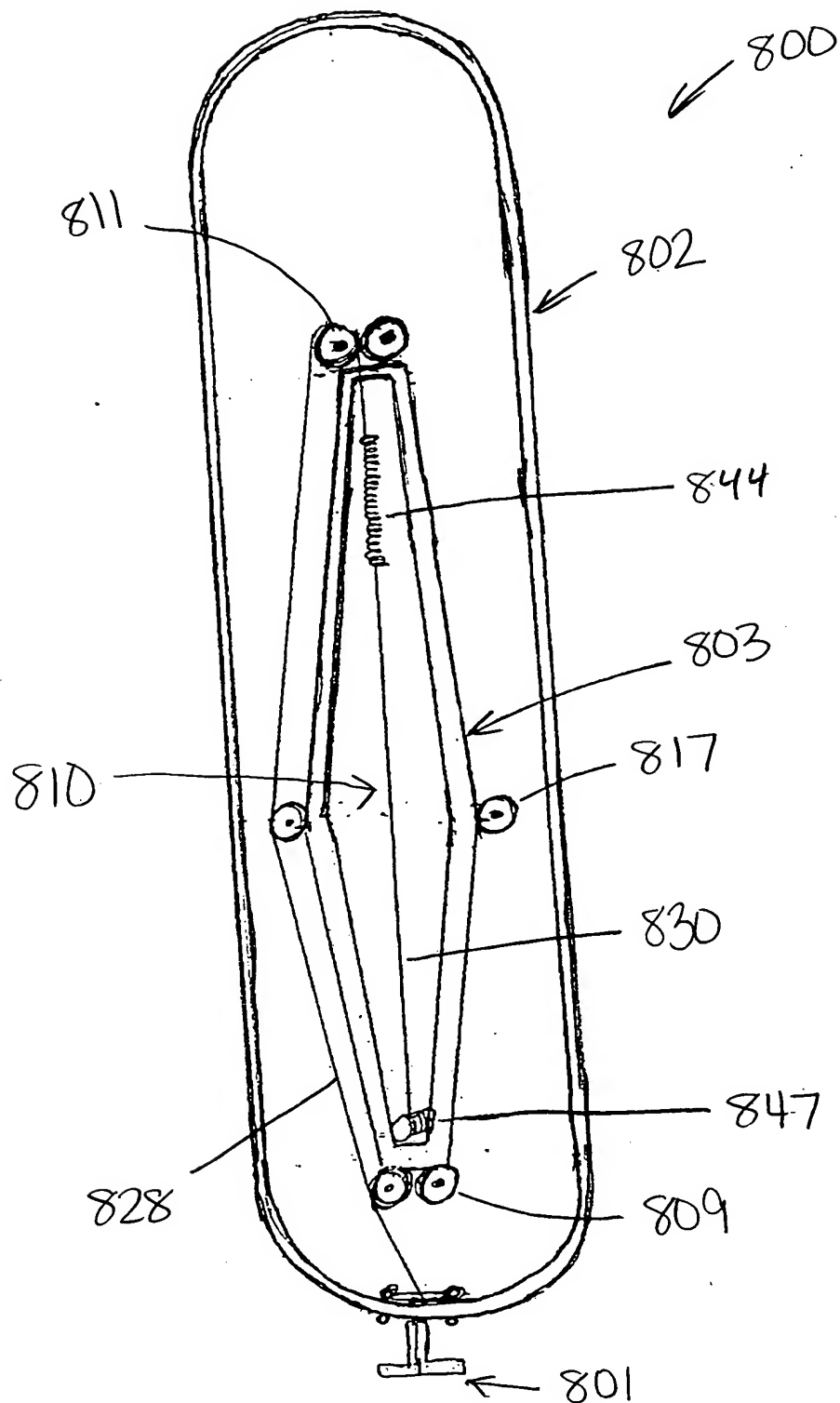


FIG. 42L

202L

FIG. 43A



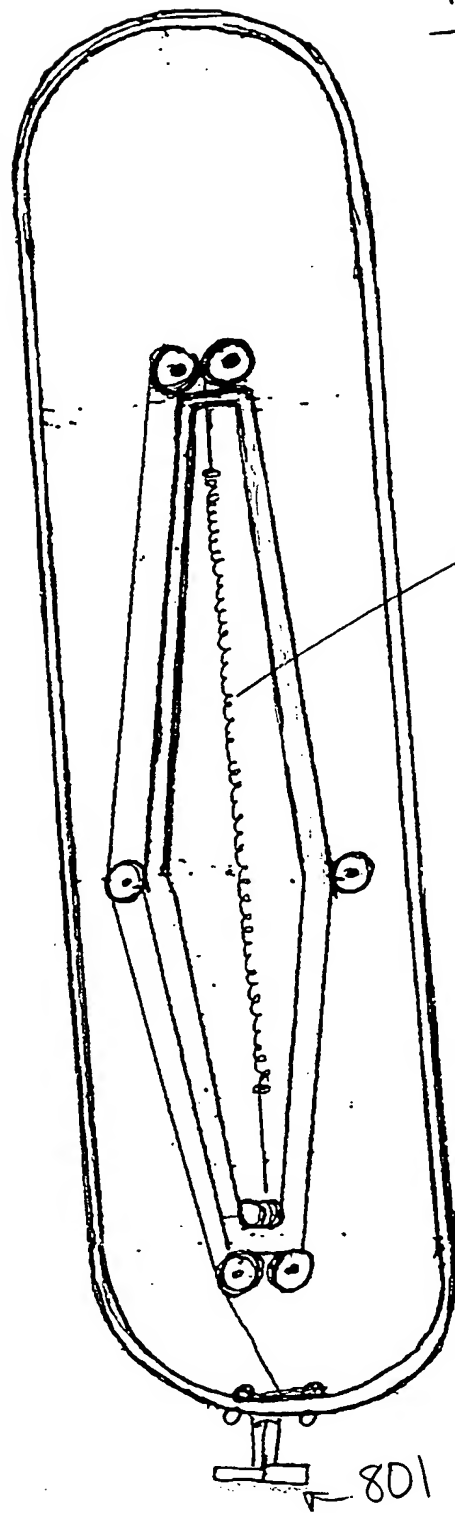
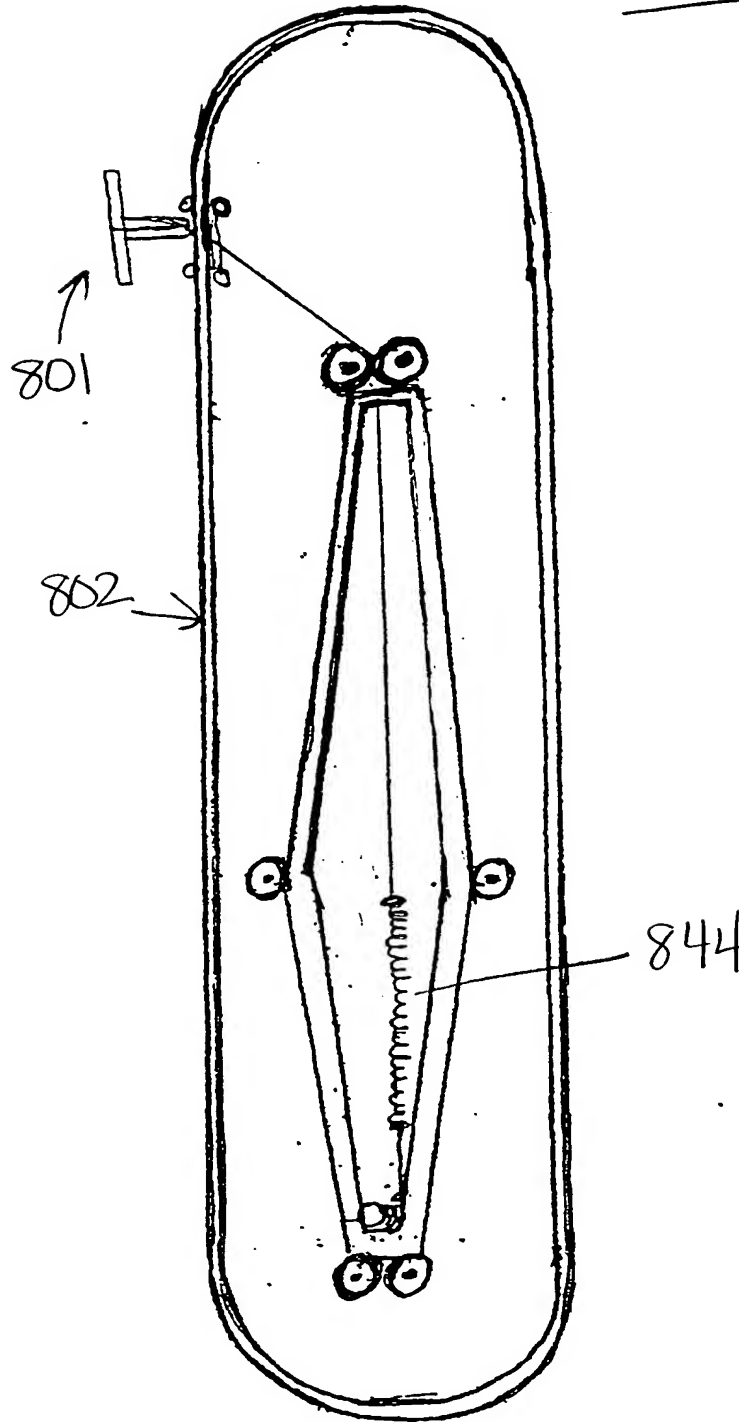


FIG. 43B

844

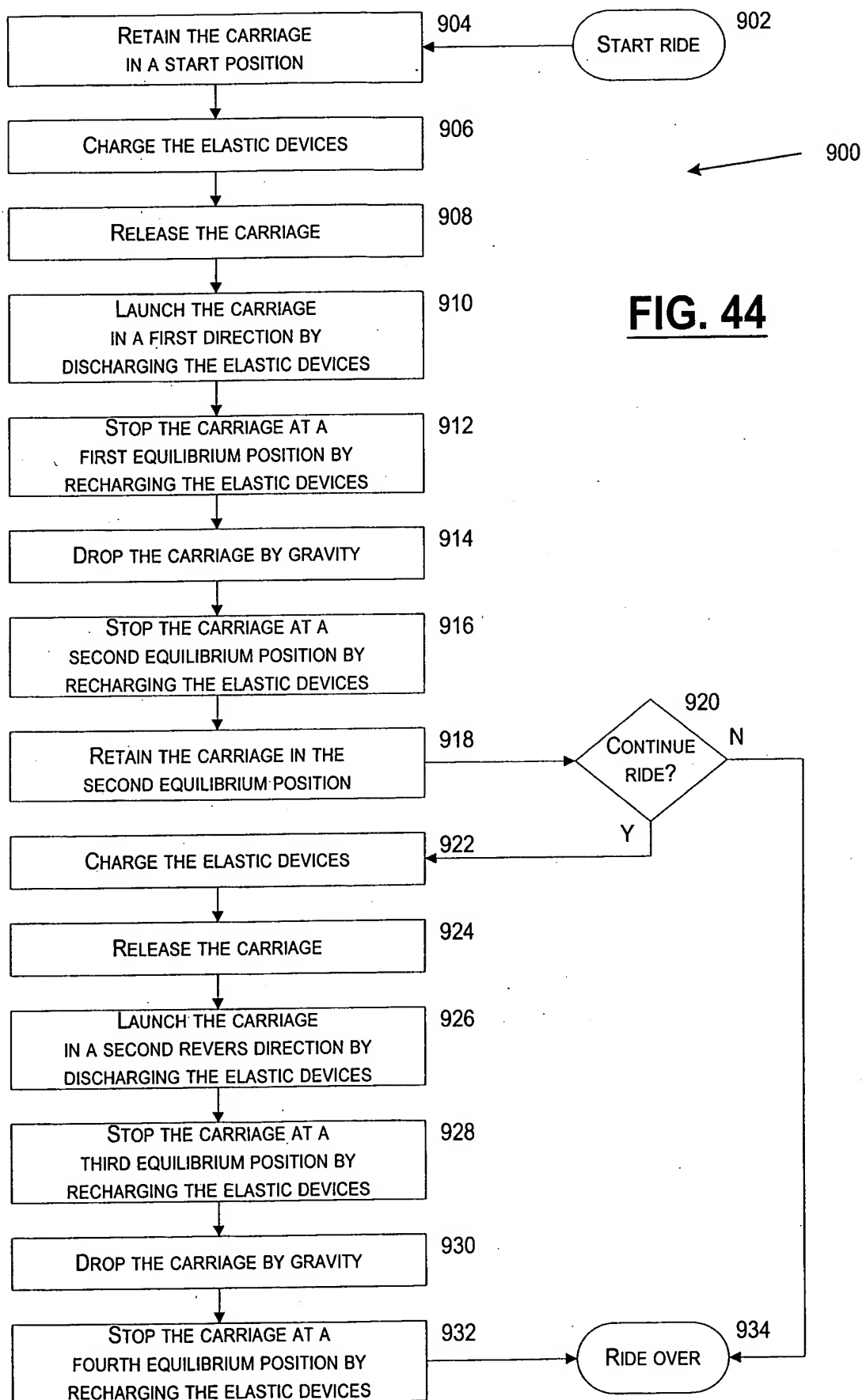
801

FIG. 43C

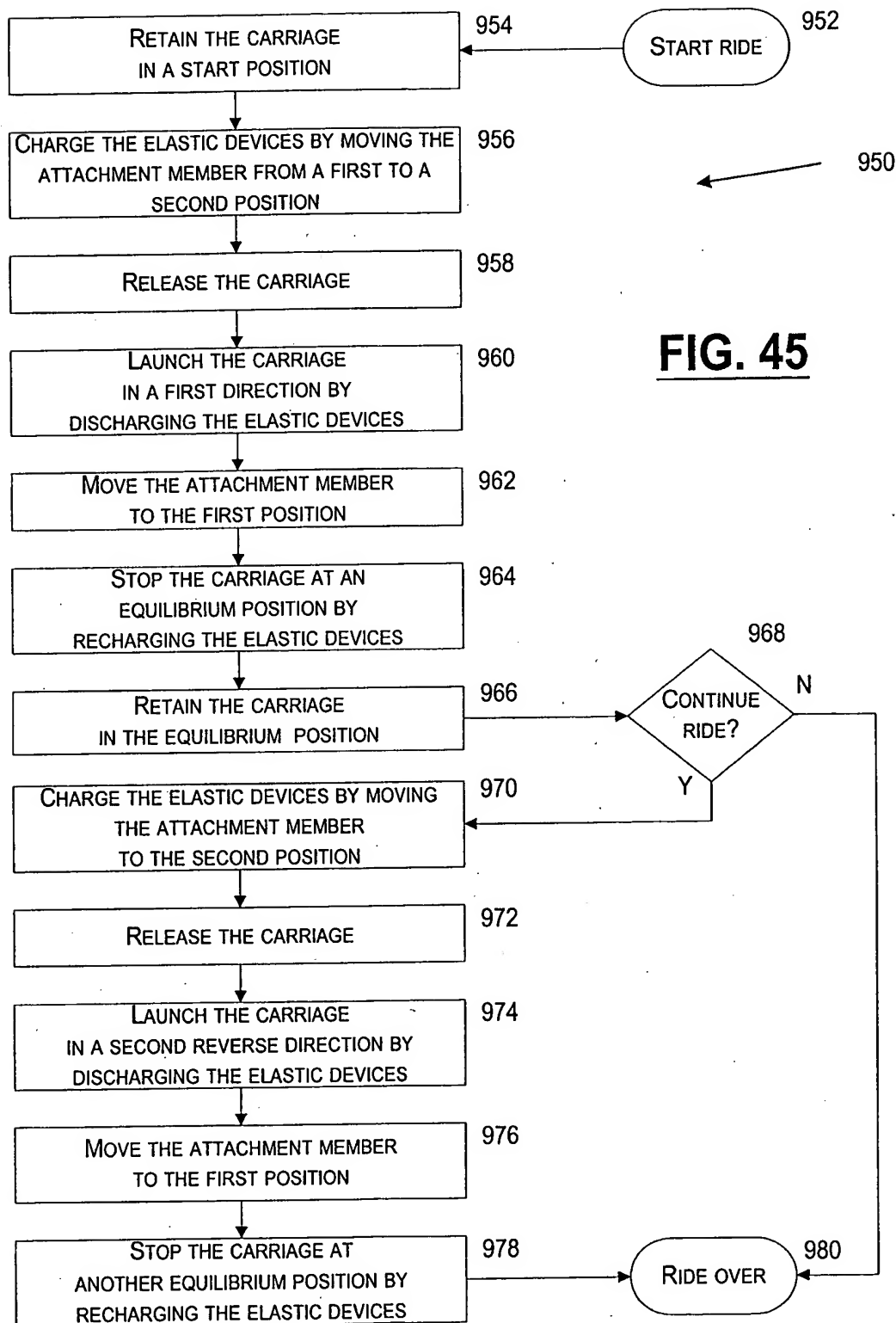


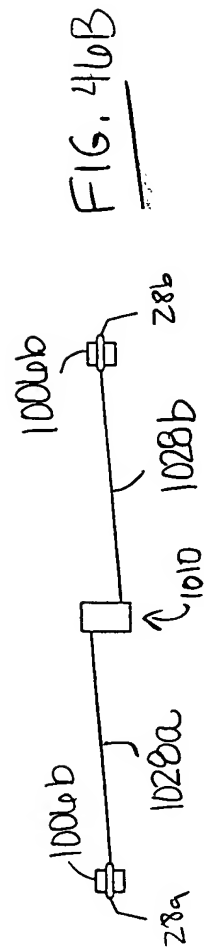
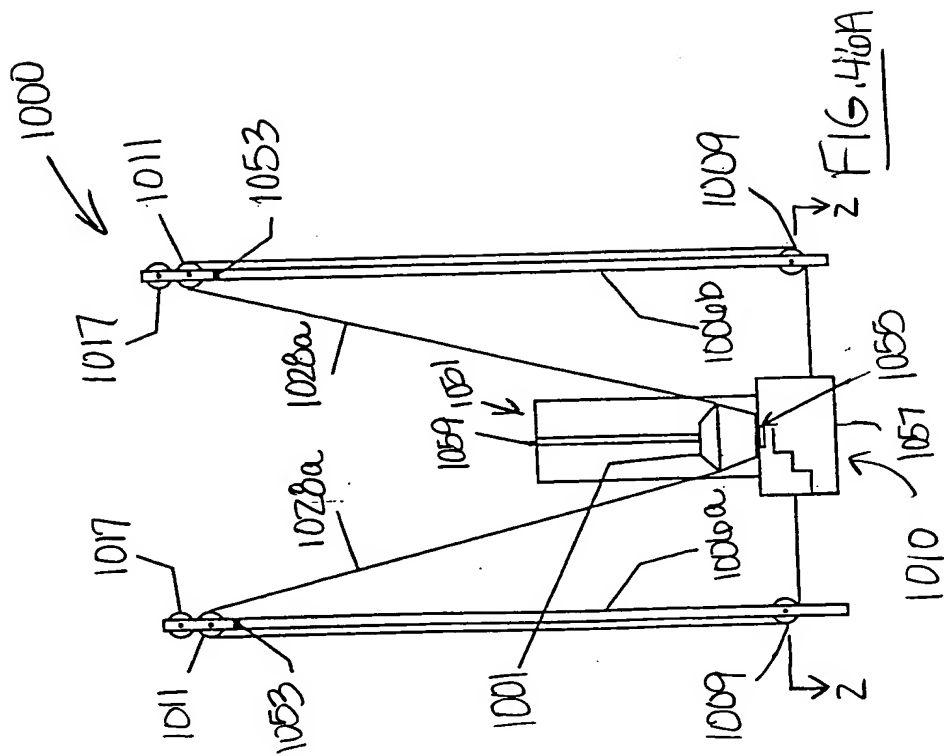
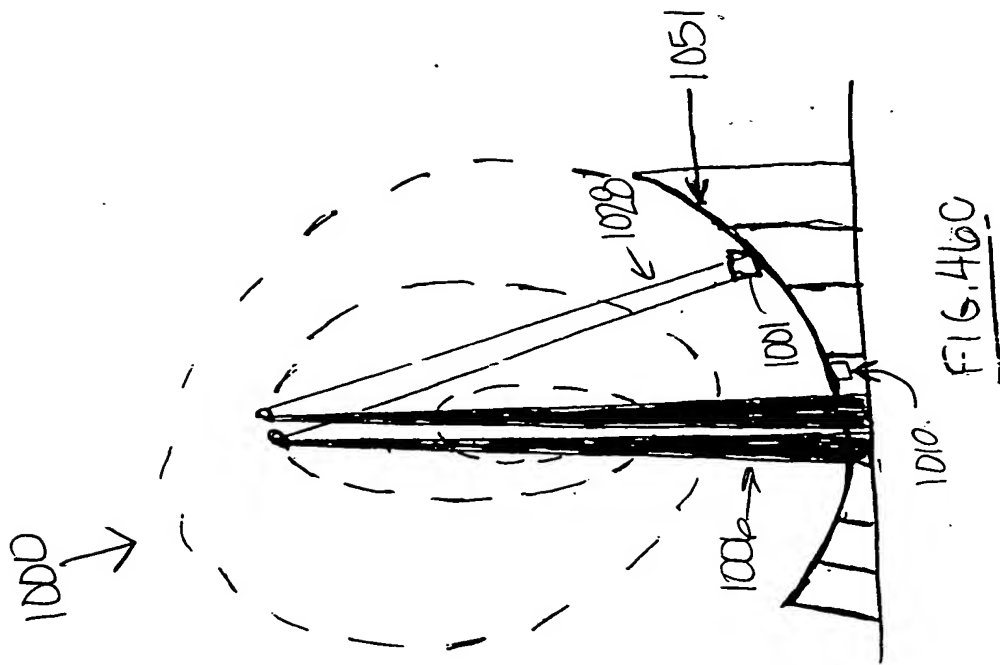
10061834.020102

10061834.020102



10061834-020102





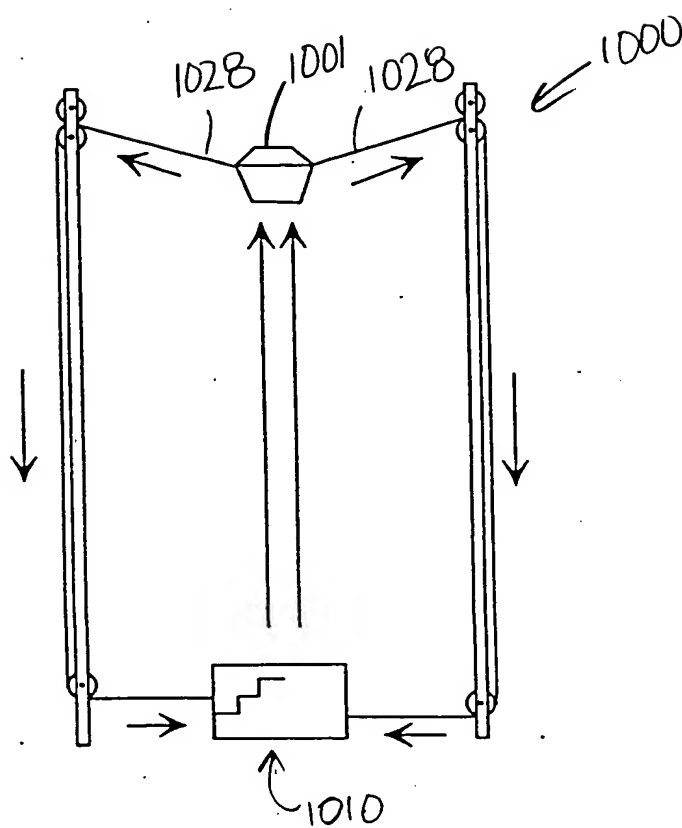


FIG. 47A

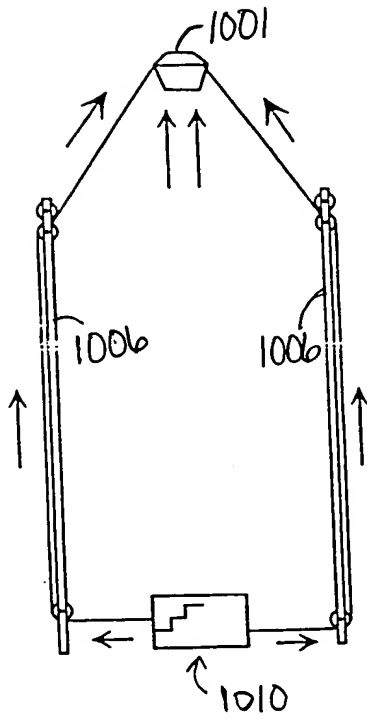


FIG. 47B

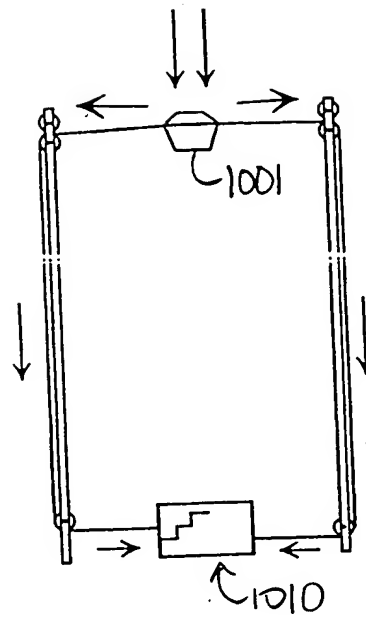


FIG. 47C

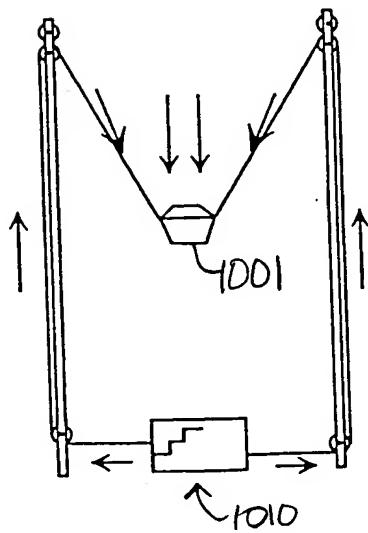


FIG. 47D

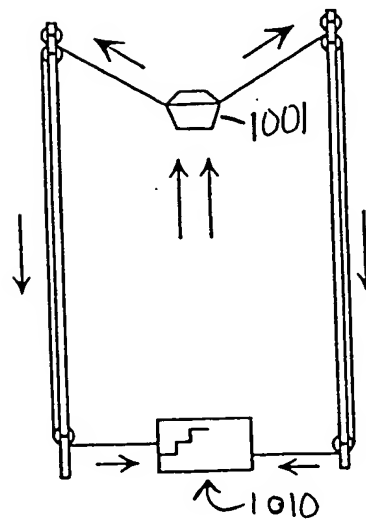


FIG. 47E

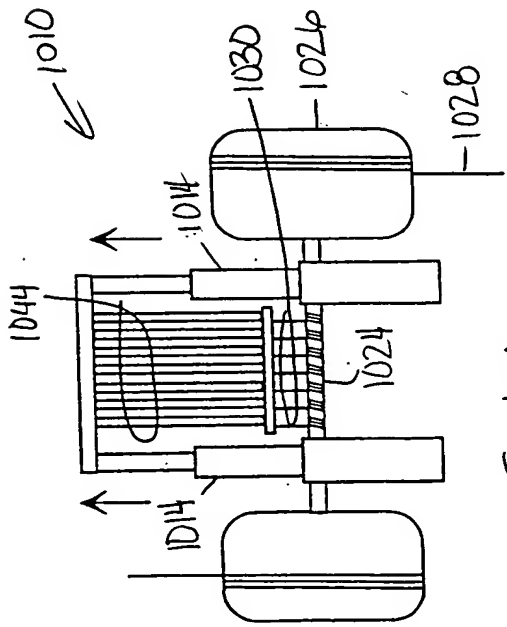


FIG. 48A

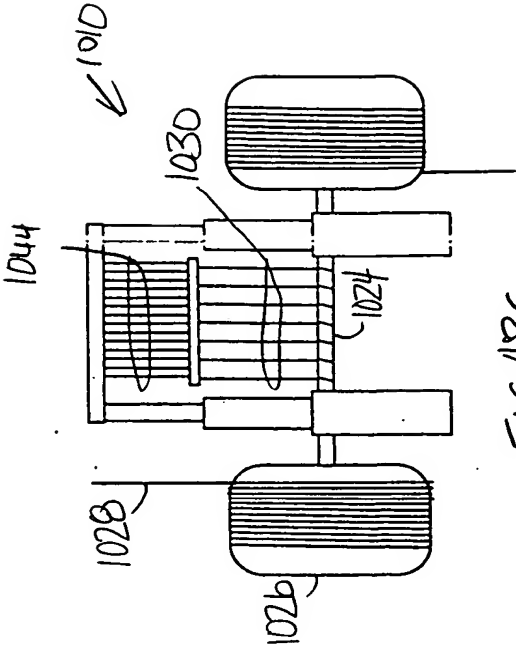


FIG. 48C

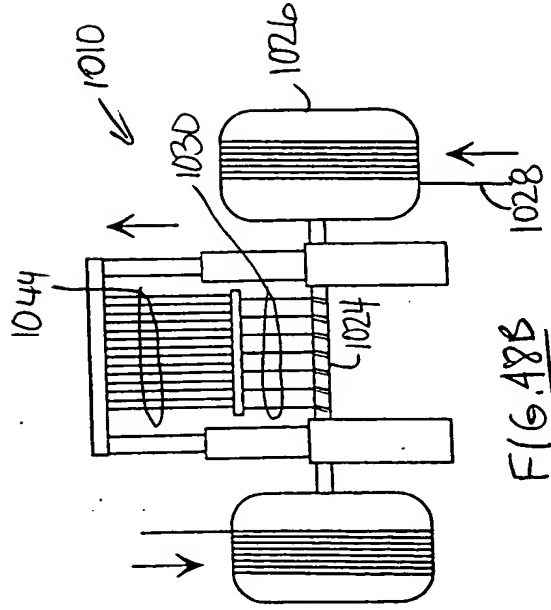


FIG. 48B

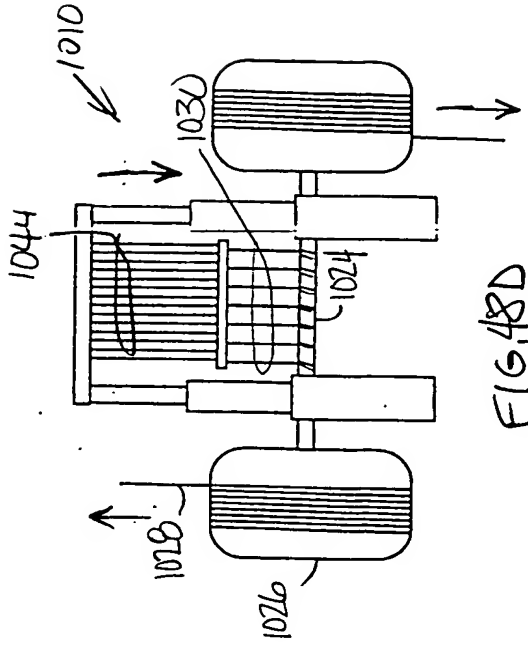


FIG. 48D

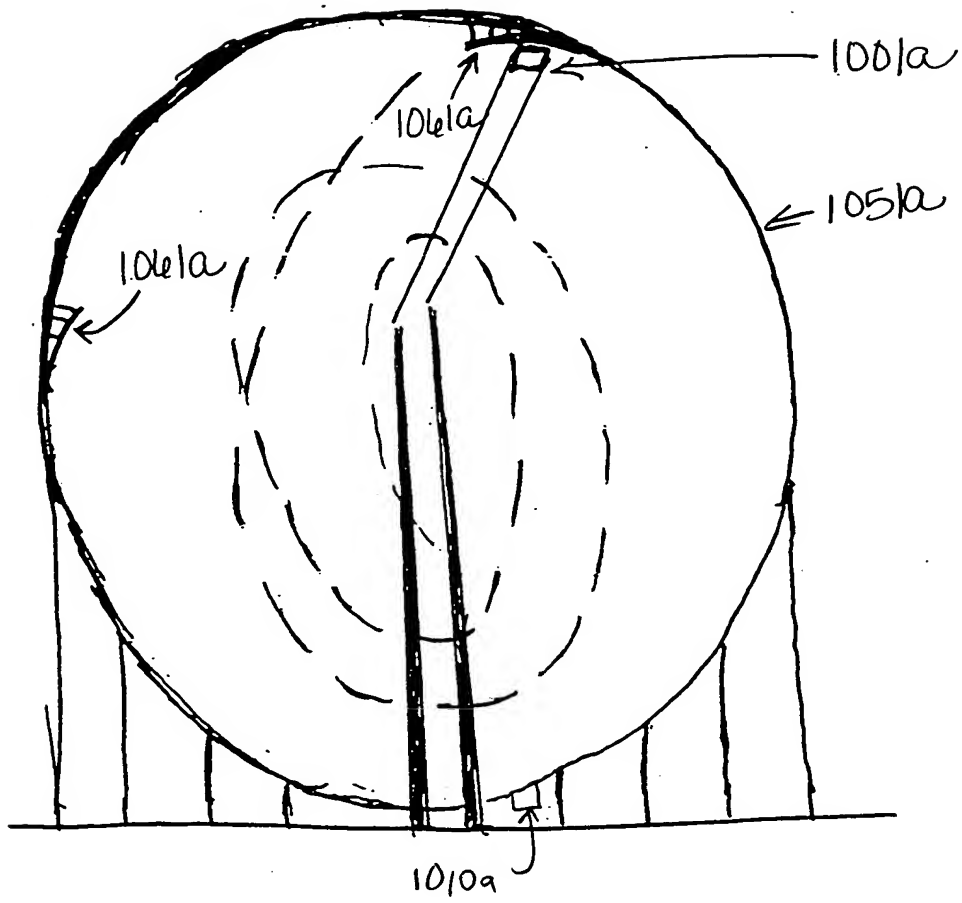
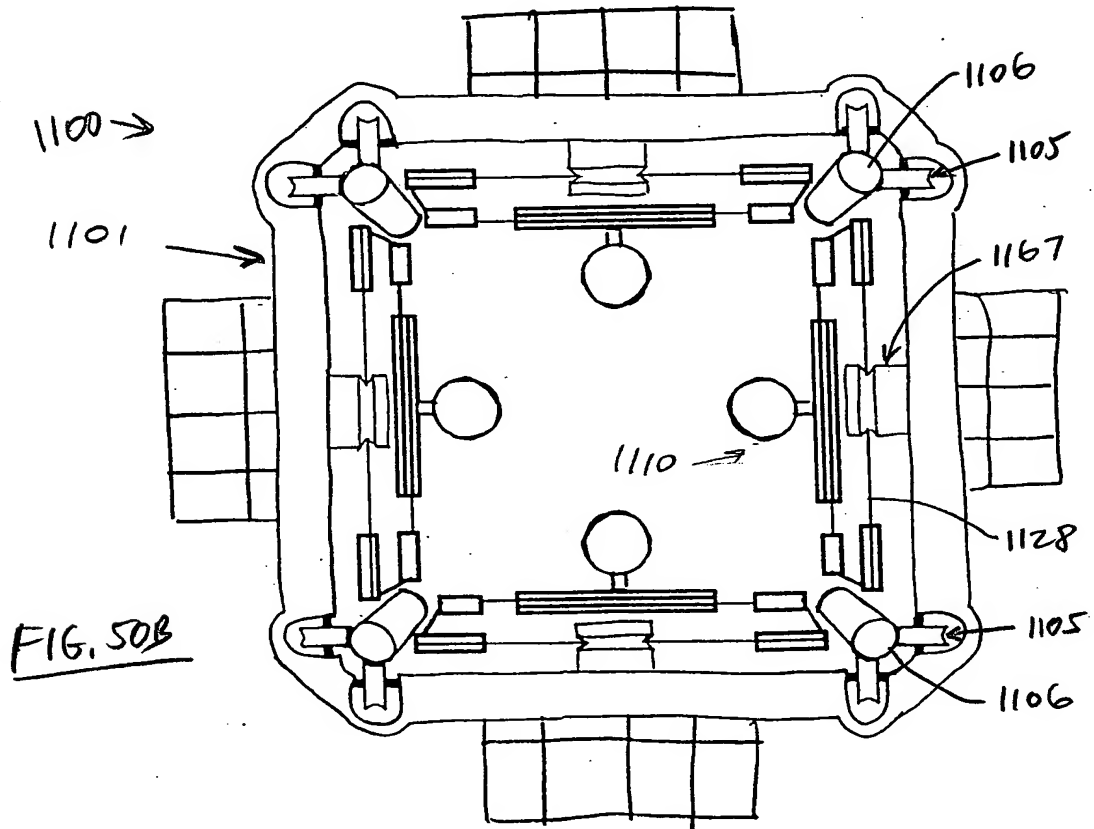
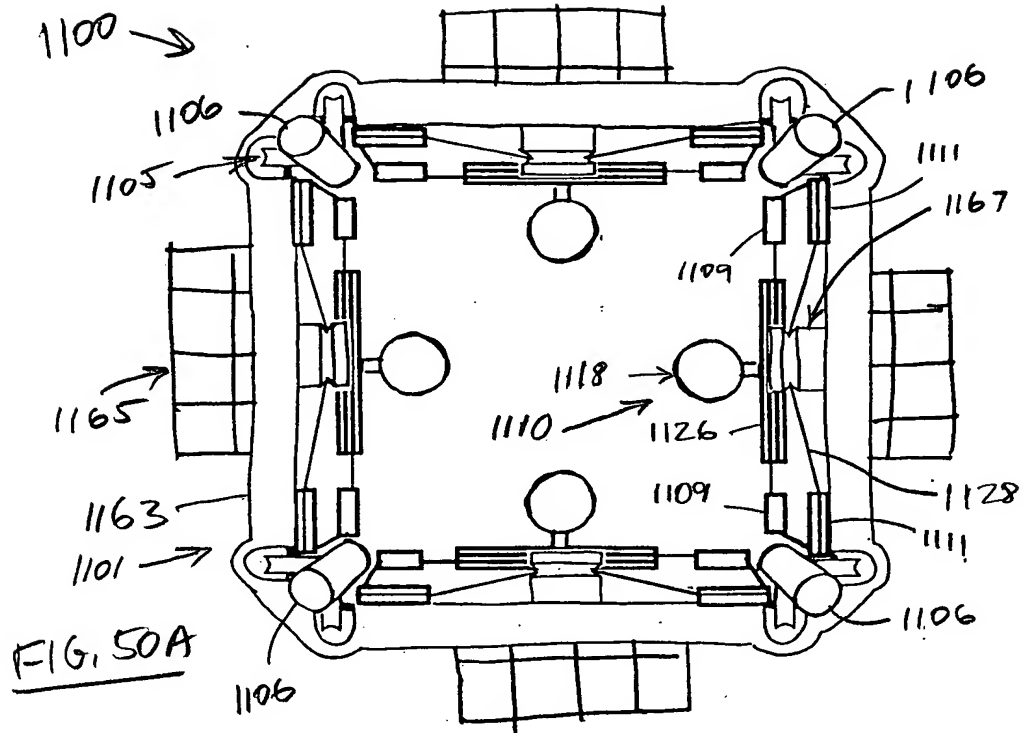
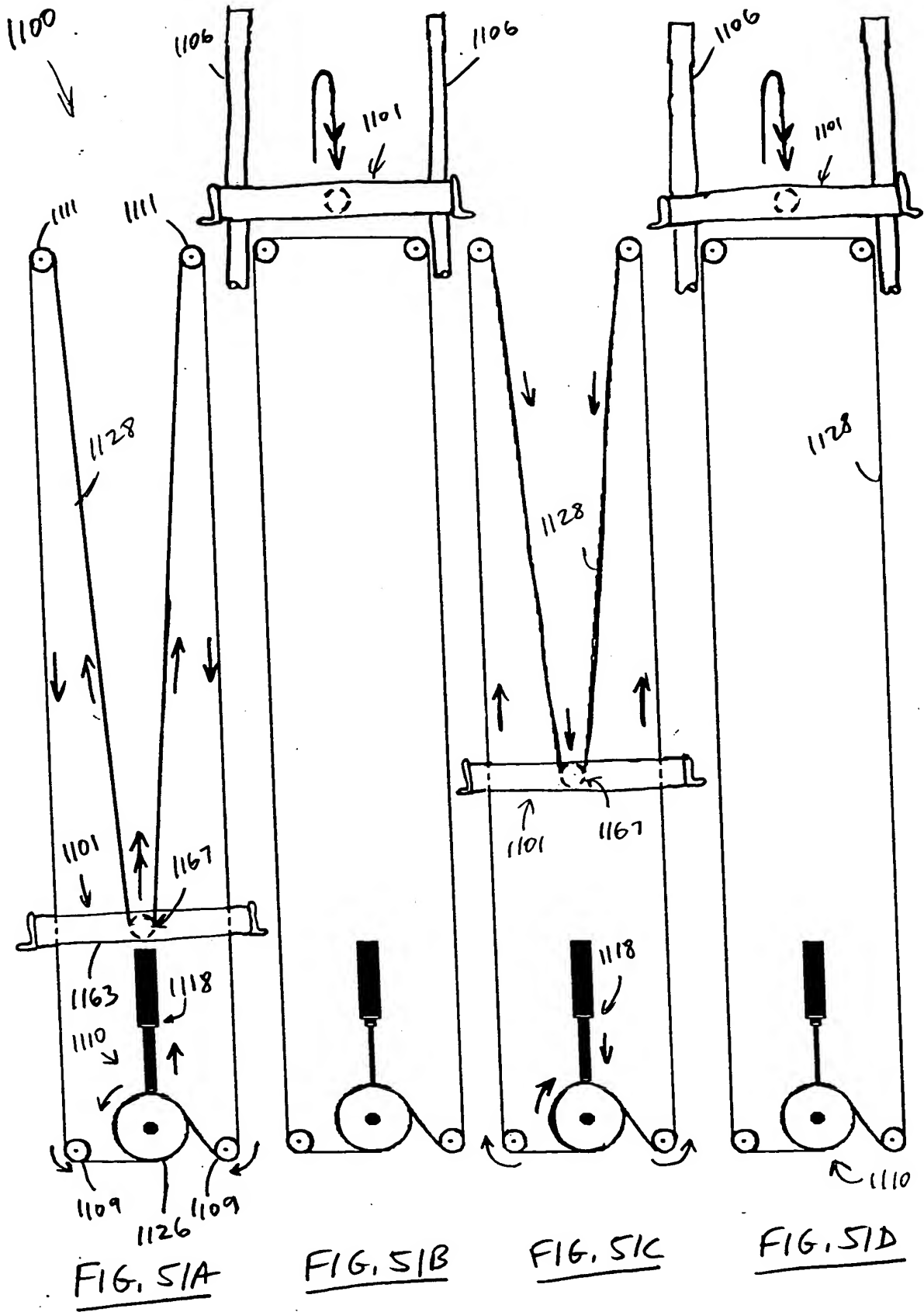


FIG. 49





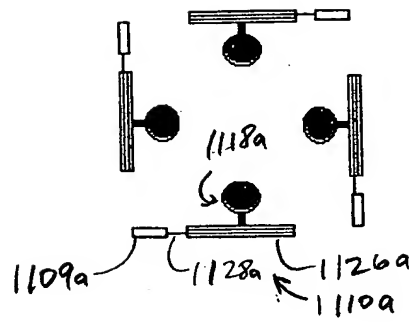


FIG. 52B

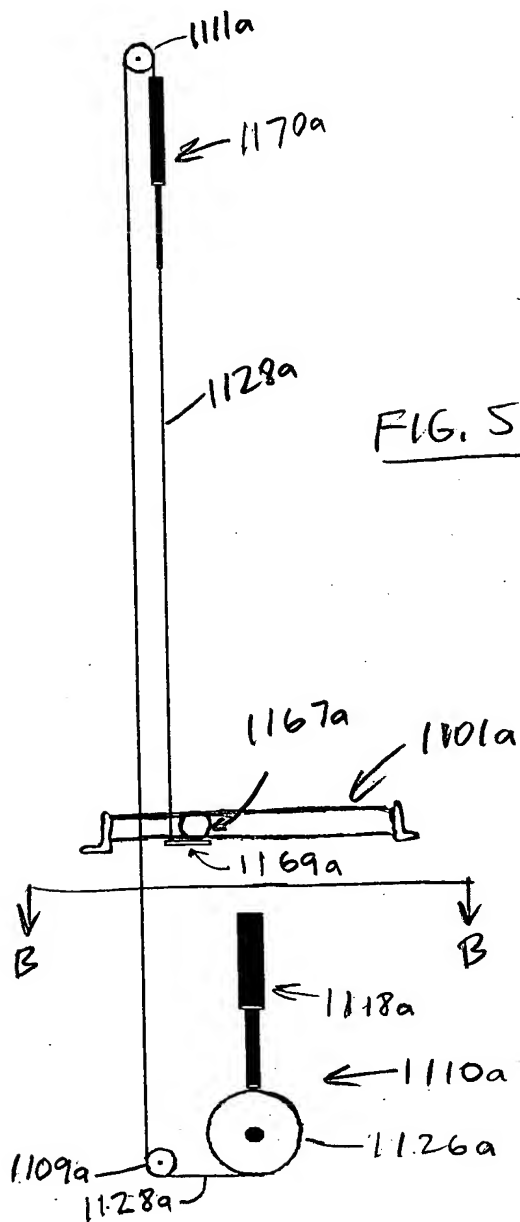
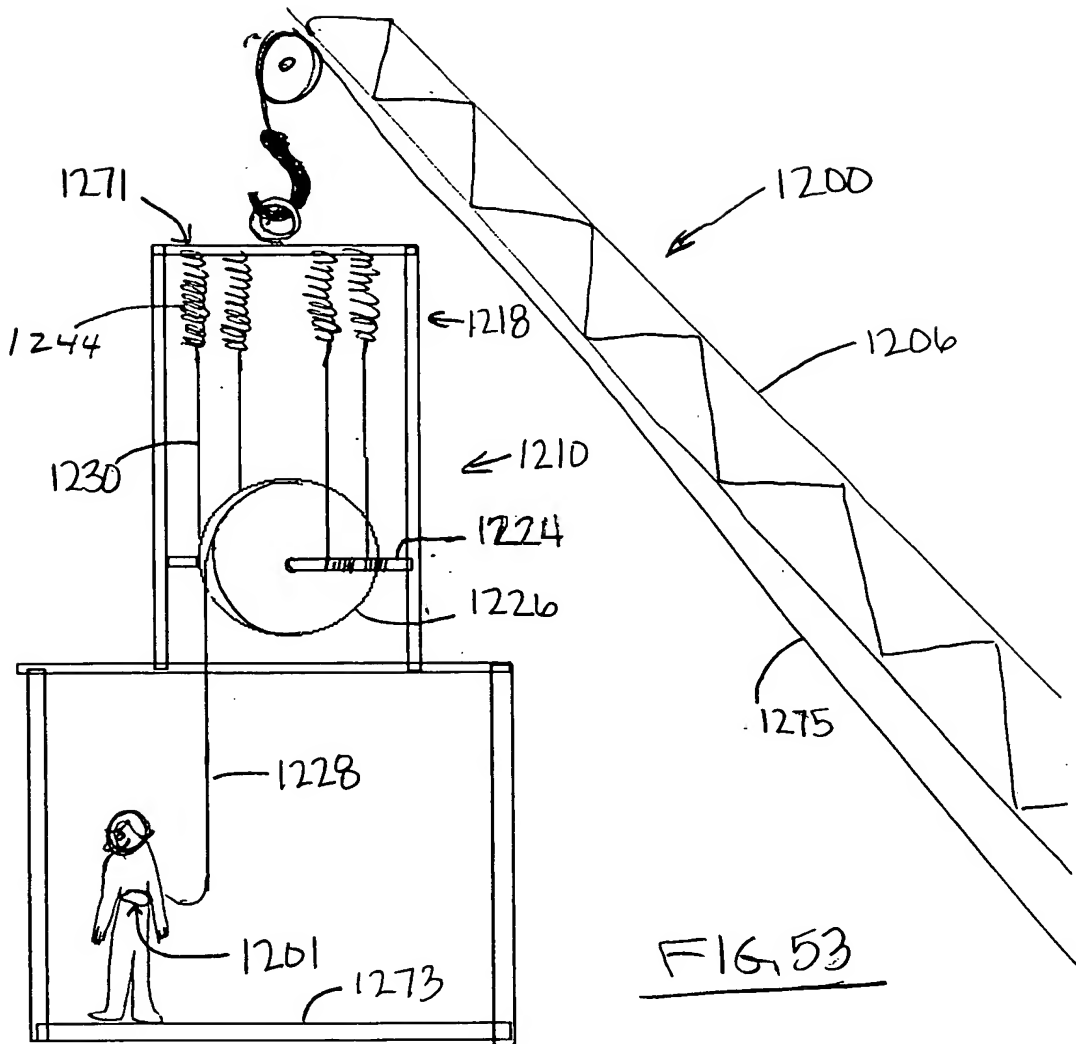
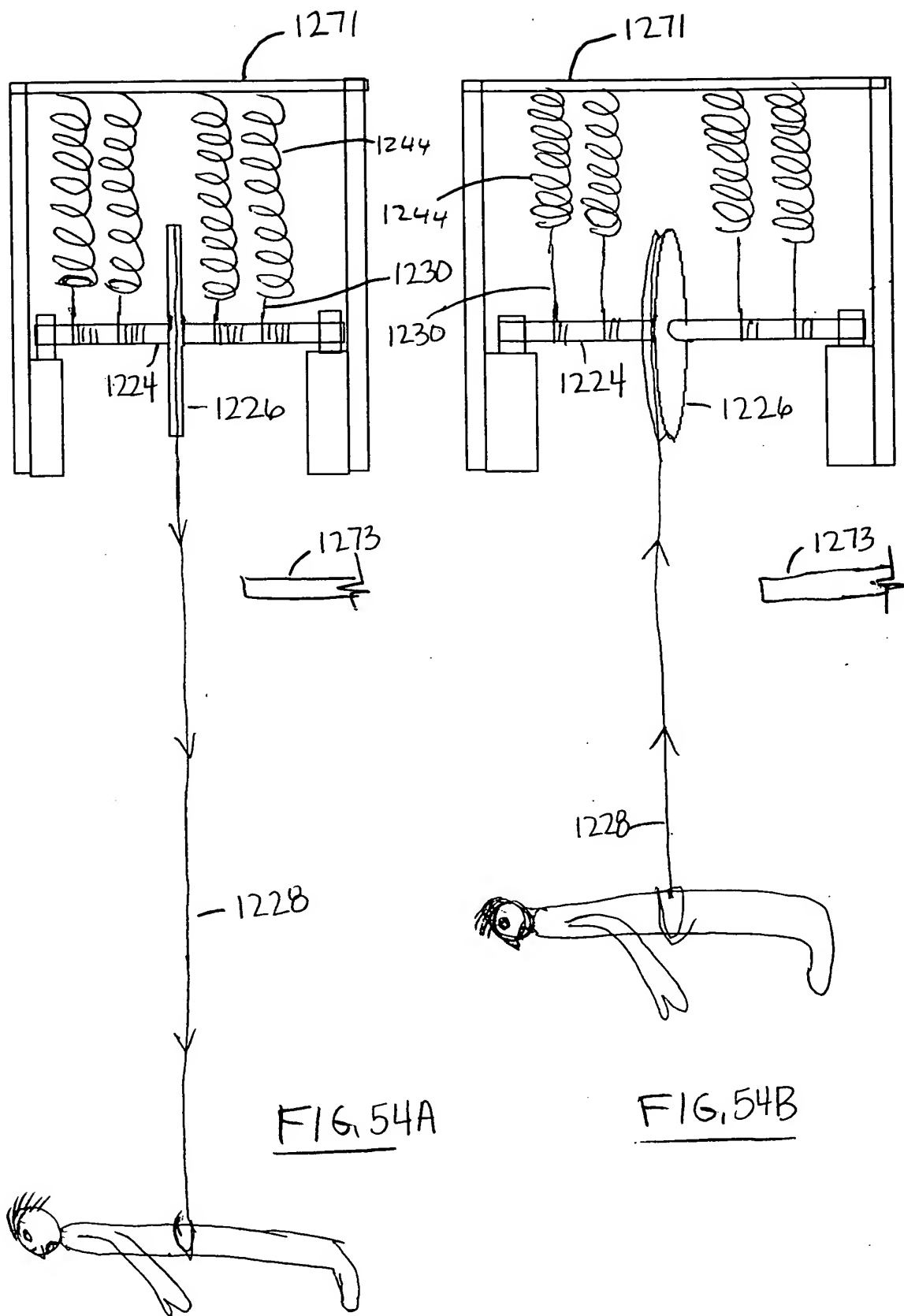
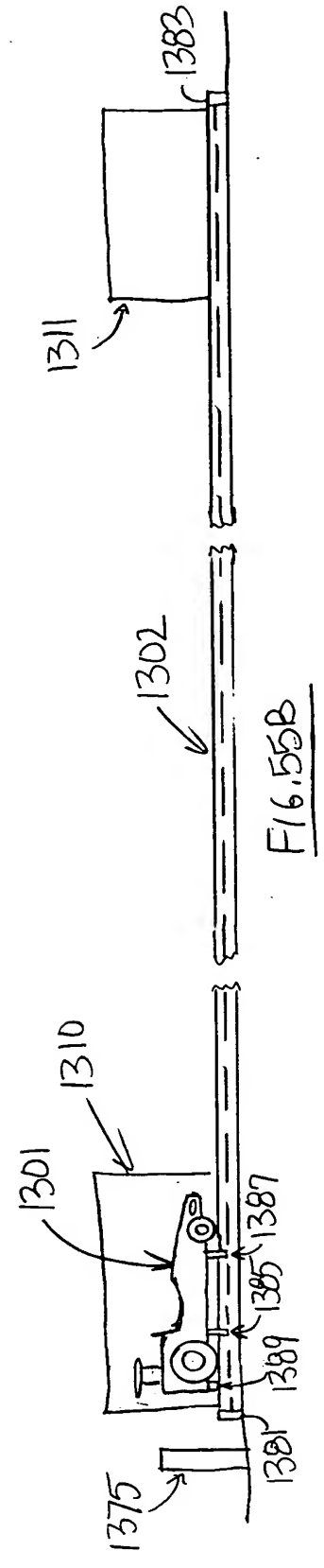
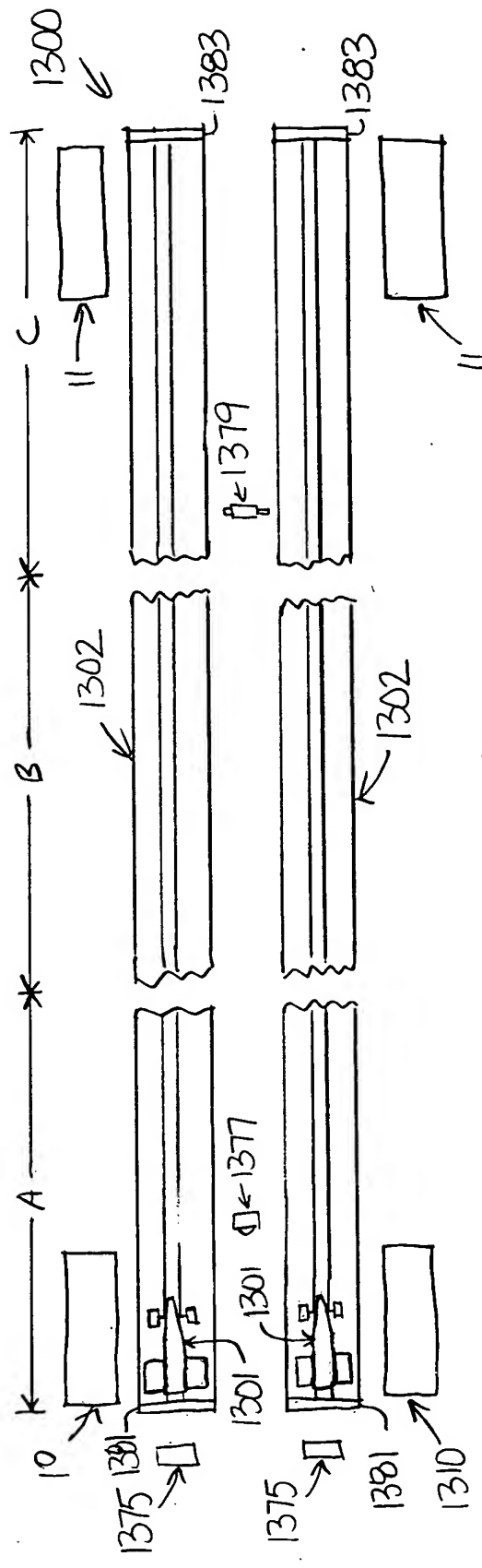
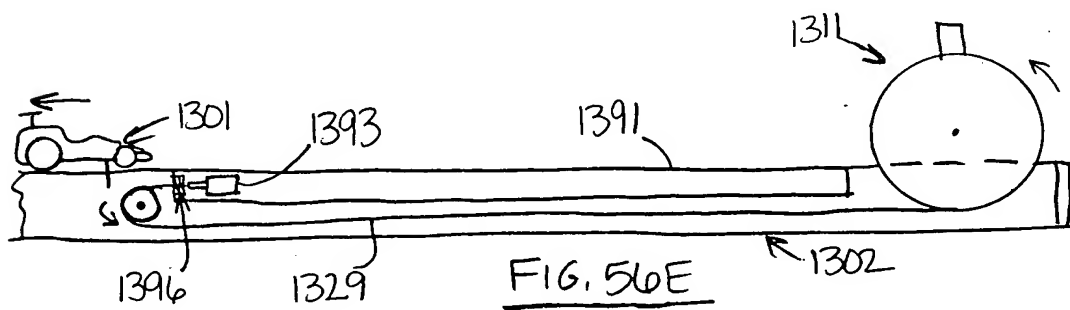
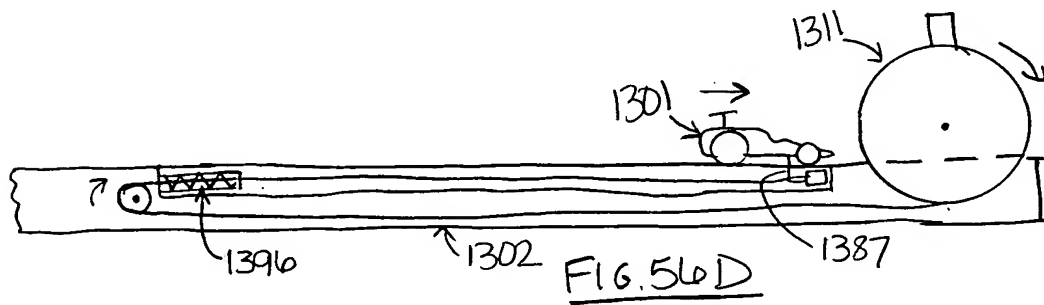
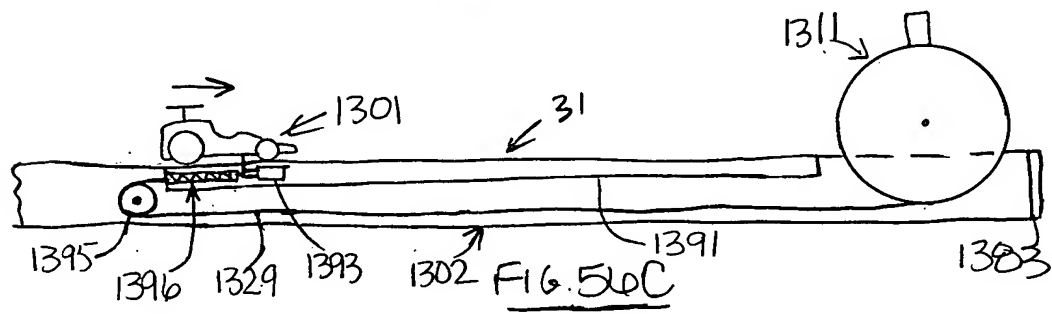
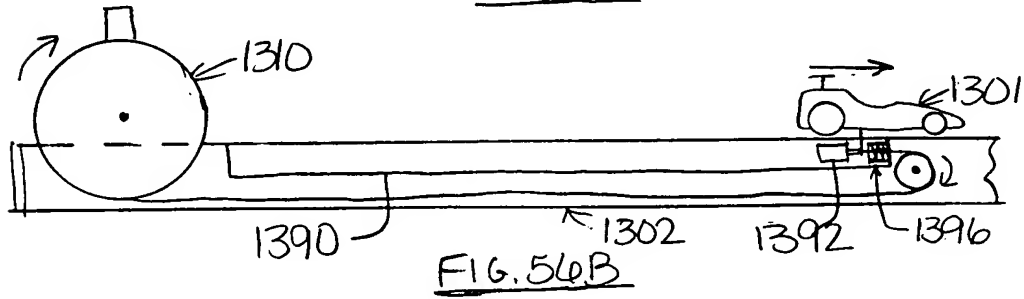
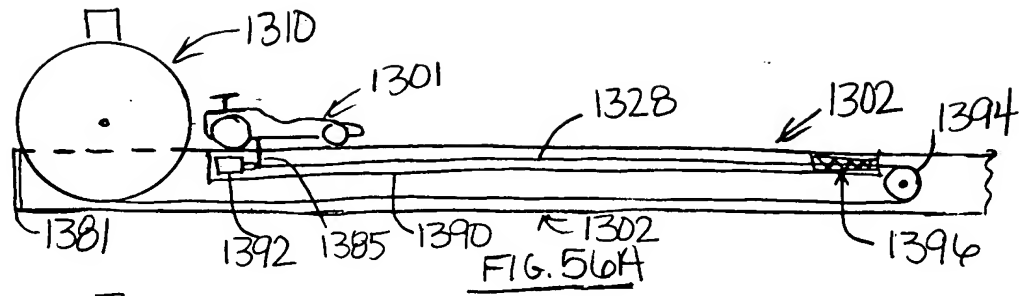


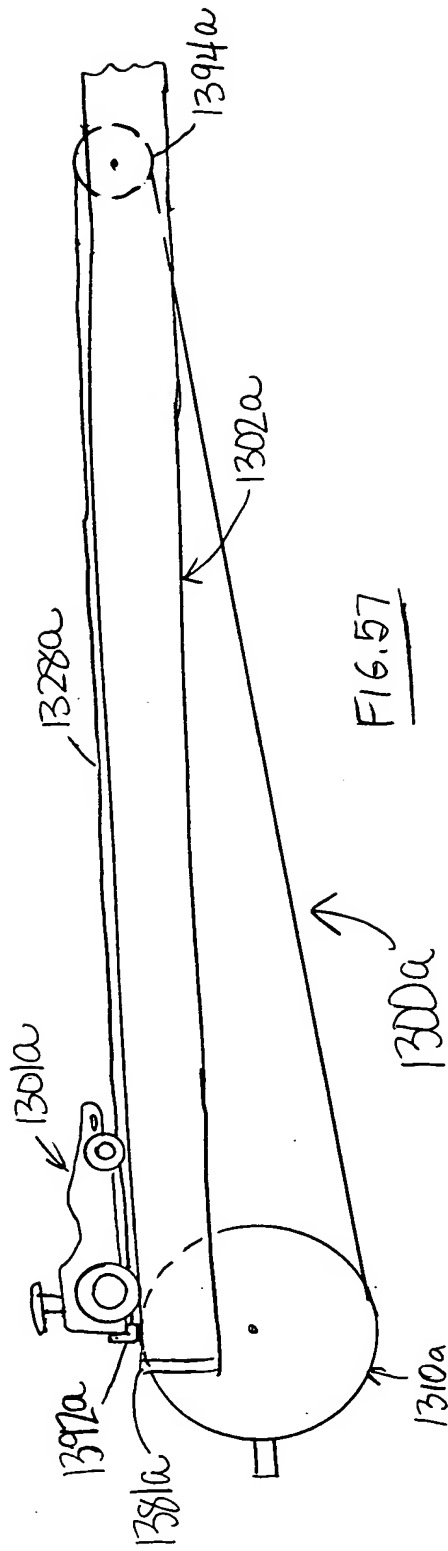
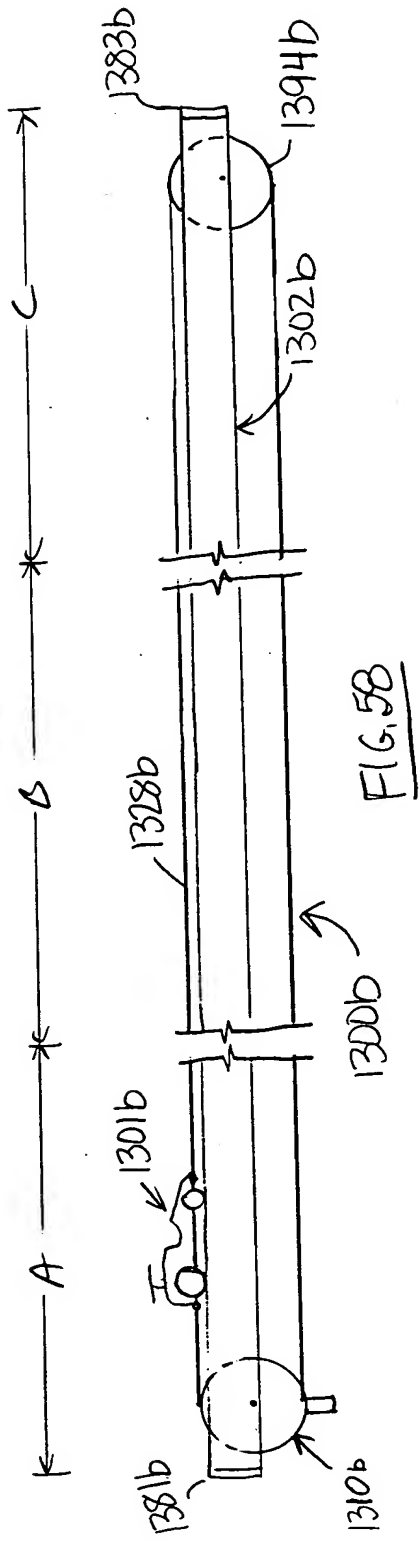
FIG. 52A











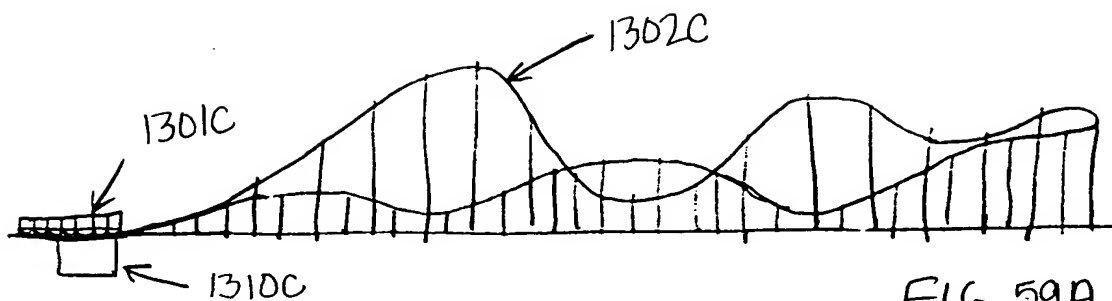


FIG. 59A

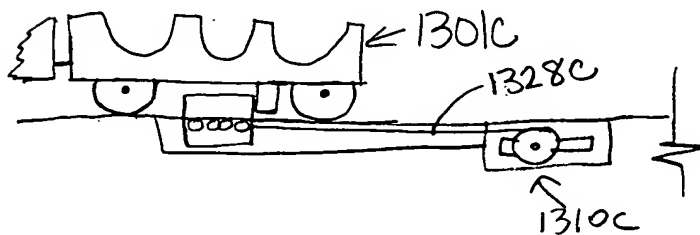


FIG. 59B

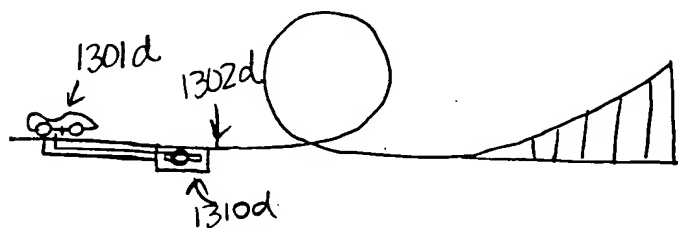


FIG. 59C

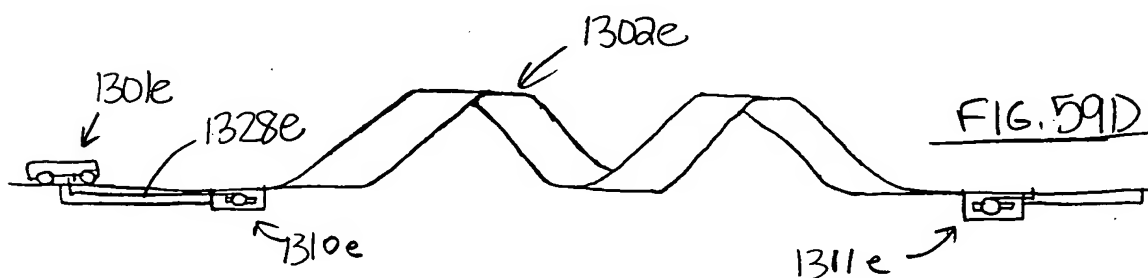


FIG. 59D

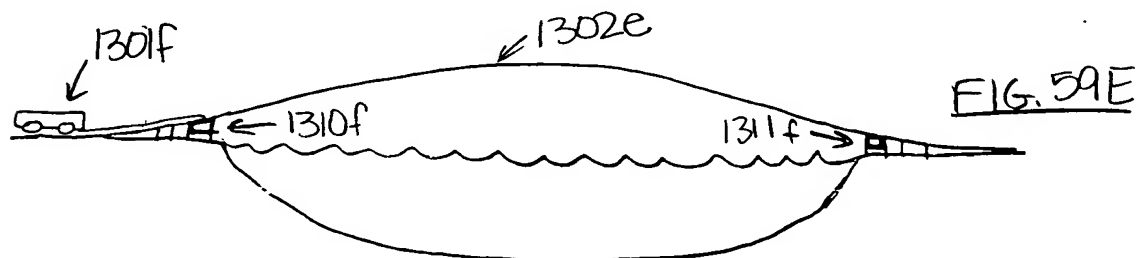


FIG. 59E

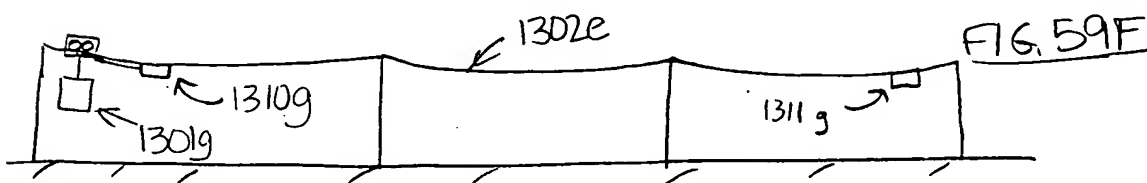


FIG. 59F



FIG. 60A

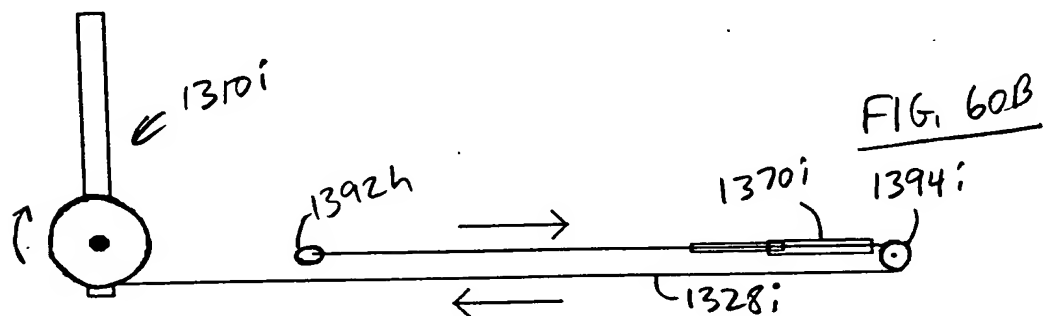


FIG. 60B

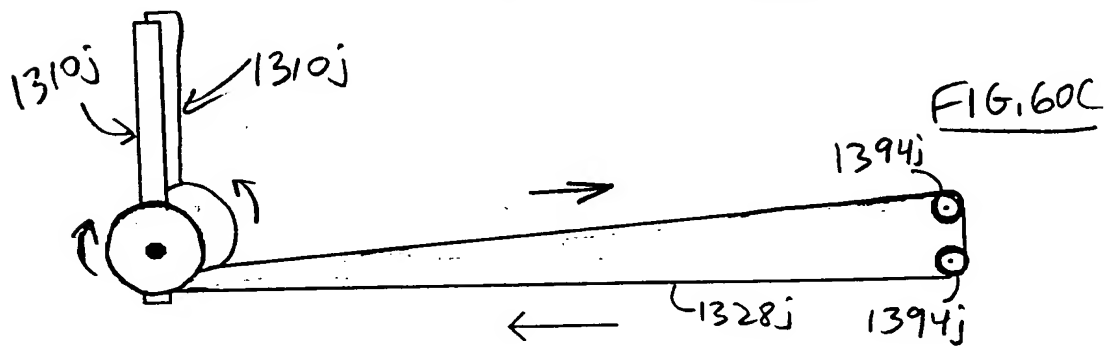


FIG. 60C

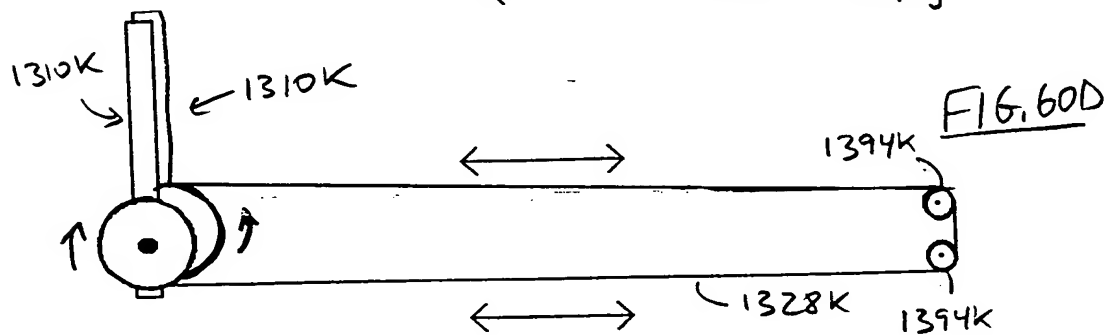


FIG. 60D

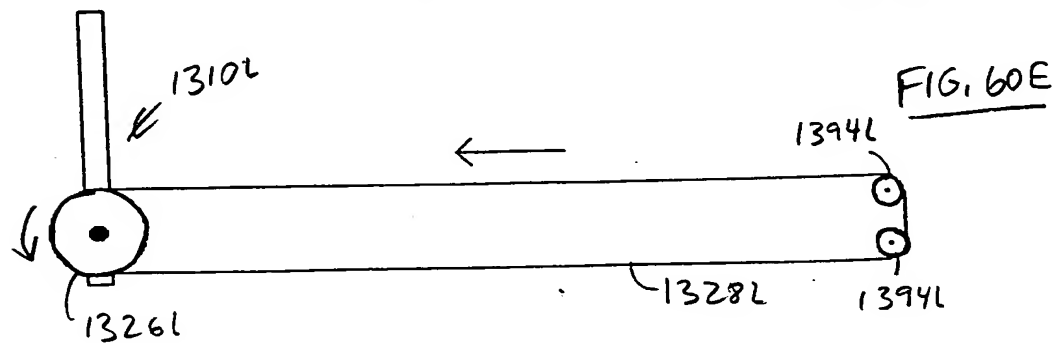


FIG. 60E

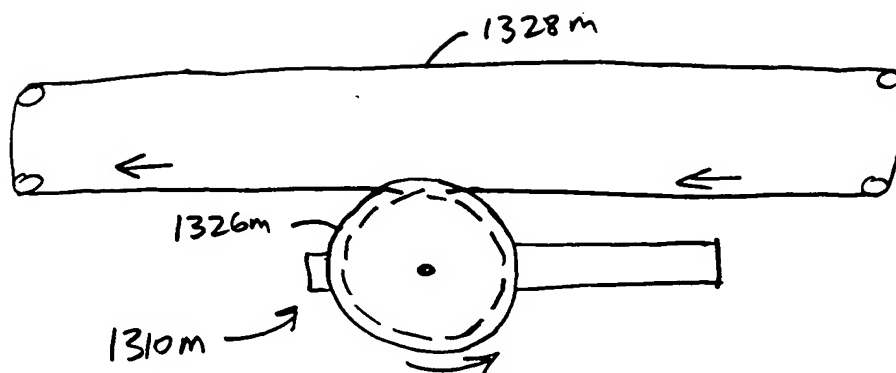


FIG. 60F

